					EPARTMENT	TATE OF UTAH OF NATURAL R OF OIL, GAS ANI		FORM 3 AMENDED REPORT			
		APPLI	CATION FOR	PERMIT	T TO DRILL	-		1. WELL NAME and NUMBER Cisco State 36-13			
2. TYPE O		ILL NEW WELL (REENTER P8	A WELL	DEEDE	EN WELL	3. FIELD OR WILDCAT WILDCAT				
4. TYPE O				~		.N WELL		5. UNIT or COMMUI		GREEMEN	T NAME
6. NAME C	OF OPERATOR	Gas We	ell Coalb	ed Methar	ne Well: NO			7. OPERATOR PHO	NE .		
8. ADDRE	SS OF OPERATO	OR	PATARA OIL	& GAS, LL	.C			9. OPERATOR E-MA	303 825-0685 IL		
600 17th Street Ste 1900S, Denver, CO,									avis@pataraog.c	om	
	, INDIAN, OR S			FEDERA	IERAL OWNE	IAN A STAT	FEE			ATE 📵	FEE 💮
13. NAME		WNER (if box 12	= 'fee')					14. SURFACE OWN	ER PHONE (if b	ox 12 = '	fee')
15. ADDR	ESS OF SURFAC	CE OWNER (if box	12 = 'fee')					16. SURFACE OWN	R E-MAIL (if b	ox 12 = '	fee')
17 INDIA	N ALLOTTEE O	R TRIBE NAME				IMINGLE PRODU	CTION FROM	19. SLANT			
	= 'INDIAN')			YES ((Submit C	IONS Commingling Appli	cation) NO	VERTICAL DIR	ECTIONAL (HORIZO	NTAL 🔵
20. LOCA	TION OF WELL	-	FO	OTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	м	ERIDIAN
LOCATIO	N AT SURFACE		1158 F	NL 1543	FEL	NWNE	36	31.0 S	24.0 E		S
Top of U	ppermost Produ	ucing Zone	1158 FI	NL 1543	FEL	NWNE	36	31.0 S	24.0 E		S
At Total I	Depth		1158 FI	NL 1543	FEL	NWNE	36	31.0 S	24.0 E		S
21. COUN		AN JUAN		22. DIS	TANCE TO N	EAREST LEASE L	INE (Feet)	23. NUMBER OF AC	RES IN DRILLI	NG UNIT	
						EAREST WELL II g or Completed) 5280	26. PROPOSED DEPTH MD: 8306 TVD: 8306				
27. ELEVATION - GROUND LEVEL				28. BON	ID NUMBER		29. SOURCE OF DRILLING WATER /				
_,,,,,	5991										
271 222 77		5991				B006102		WATER RIGHTS AP		ER IF API	PLICABLE
		5991		Hol	e, Casing,	B006102	nformation		PROVAL NUMB	ER IF API	PLICABLE
String	Hole Size	Casing Size	Length	Weigh	nt Grad	and Cement I e & Thread	Max Mud Wt.	Cement	PROVAL NUMB 05-6 Sacks	Yield	Weight
String Cond	26	Casing Size	0 - 60	Weigh 94.0	nt Grad	and Cement I e & Thread -40 ST&C	Max Mud Wt. 8.7	Cement Light (Hibond	PROVAL NUMB 05-6 Sacks	Yield 2.36	Weight
String		Casing Size	_	Weigh	nt Grad	and Cement I e & Thread	Max Mud Wt.	Cement Light (Hibond	Sacks	Yield 2.36 3.86	Weight 13.63 10.0
String Cond Surf	26 17.5	20 13.375	0 - 60 0 - 1500	Weigh 94.0 54.5	H H	and Cement I e & Thread -40 ST&C -55 ST&C	Max Mud Wt. 8.7 8.7	Cement Light (Hibond Light (Hibond Premium Plu	Sacks 50 300 5 700	Yield 2.36 3.86 1.15	Weight 13.63 10.0 15.8
String Cond	26	Casing Size	0 - 60	Weigh 94.0	HC	and Cement I e & Thread -40 ST&C	Max Mud Wt. 8.7	Cement Light (Hibond	Sacks 50 300 5 700 1100	Yield 2.36 3.86	Weight 13.63 10.0
String Cond Surf	26 17.5 12.25	20 13.375 9.625	0 - 60 0 - 1500 0 - 5300	Weigh 94.0 54.5	HC HC	and Cement I e & Thread -40 ST&C -55 ST&C P-110 LT&C	8.7 8.7 16.5	Cement Light (Hibond Light (Hibond Premium Plu 35/65 Poz	Sacks 50 300 5 700 1100	Yield 2.36 3.86 1.15 2.16	Weight 13.63 10.0 15.8 14.5
String Cond Surf	26 17.5 12.25 8.75	20 13.375 9.625	0 - 60 0 - 1500 0 - 5300 0 - 8300	Weigh 94.0 54.5 40.0 29.0	HC HC	and Cement I e & Thread -40 ST&C -55 ST&C P-110 LT&C CN-80 LT&C	8.7 8.7 16.5 16.5	Cement Light (Hibond Light (Hibond Premium Plu 35/65 Poz	Sacks 50 300 50 1100 00 400	Yield 2.36 3.86 1.15 2.16 1.49	Weight 13.63 10.0 15.8 14.5
String Cond Surf I1 Prod	26 17.5 12.25 8.75	20 13.375 9.625	0 - 60 0 - 1500 0 - 5300 0 - 8300	Weigh 94.0 54.5 40.0 29.0	HCI HCI ACCORDAN	and Cement I e & Thread -40 ST&C -55 ST&C P-110 LT&C CN-80 LT&C TTACHMENTS CE WITH THE	8.7 8.7 16.5 16.5	Cement Light (Hibond Light (Hibond Premium Plu 35/65 Poz Premium AG30	Sacks 50 300 50 1100 00 400	Yield 2.36 3.86 1.15 2.16 1.49	Weight 13.63 10.0 15.8 14.5
String Cond Surf I1 Prod	26 17.5 12.25 8.75 VERIFY TH	Casing Size 20 13.375 9.625 7	0 - 60 0 - 1500 0 - 5300 0 - 8300	Weigh 94.0 54.5 40.0 29.0 ED IN A	HCI HCI ACCORDAN	and Cement I e & Thread -40 ST&C -55 ST&C P-110 LT&C CN-80 LT&C TTACHMENTS CE WITH THE	Max Mud Wt. 8.7 8.7 16.5 16.5 UTAH OIL AND	Cement Light (Hibond Light (Hibond Premium Plu 35/65 Poz Premium AG30	Sacks 50 300 1100 000 400	Yield 2.36 3.86 1.15 2.16 1.49	Weight 13.63 10.0 15.8 14.5
String Cond Surf I1 Prod	26 17.5 12.25 8.75 VERIFY TH ELL PLAT OR MA	20 13.375 9.625 7 E FOLLOWING	0 - 60 0 - 1500 0 - 5300 0 - 8300	Weigh 94.0 54.5 40.0 29.0 ED IN A	HCCORDAN ACCORDAN OR ENGINEER	and Cement I e & Thread -40 ST&C -55 ST&C P-110 LT&C CN-80 LT&C TTACHMENTS CE WITH THE R ACE) F0	Max Mud Wt. 8.7 8.7 16.5 16.5 UTAH OIL AND	Cement Light (Hibond Light (Hibond Premium Plu 35/65 Poz Premium AG30 GAS CONSERVATI G PLAN OR IS OTHER THAN TH	Sacks 50 300 1100 000 400	Yield 2.36 3.86 1.15 2.16 1.49	Weight 13.63 10.0 15.8 14.5
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String Cond Surf I1 Prod WE AFF DRILLED)	26 17.5 12.25 8.75 VERIFY TH ELL PLAT OR MA EIDAVIT OF STA	Casing Size 20 13.375 9.625 7 E FOLLOWING AP PREPARED BY ATUS OF SURFACE	0 - 60 0 - 1500 0 - 5300 0 - 8300	Weigh 94.0 54.5 40.0 29.0 ED IN A EMENT (1	ACCORDAN REGINEER IF FEE SURF	and Cement I e & Thread -40 ST&C -55 ST&C P-110 LT&C IN-80 LT&C TTACHMENTS CE WITH THE R ACE) FC TC It Agent	Max Mud Wt. 8.7 8.7 16.5 16.5 UTAH OIL AND OMPLETE DRILLIN ORM 5. IF OPERATO	Cement Light (Hibond Light (Hibond Premium Plu 35/65 Poz Premium AG30 GAS CONSERVATI G PLAN OR IS OTHER THAN THAN	Sacks 50 50 300 1100 000 400 000	Yield 2.36 3.86 1.15 2.16 1.49	Weight 13.63 10.0 15.8 14.5
String Cond Surf I1 Prod WE AFF DIR DRILLED) NAME Kir SIGNATU	26 17.5 12.25 8.75 VERIFY TH ELL PLAT OR MA EIDAVIT OF STA	Casing Size 20 13.375 9.625 7 E FOLLOWING AP PREPARED BY ATUS OF SURFACE RVEY PLAN (IF DI	0 - 60 0 - 1500 0 - 5300 0 - 8300	Weigh 94.0 54.5 40.0 29.0 ED IN A EVEYOR O	HCI	and Cement I e & Thread -40 ST&C -55 ST&C P-110 LT&C IN-80 LT&C TTACHMENTS CE WITH THE R ACE) FC TC It Agent	Max Mud Wt. 8.7 8.7 16.5 16.5 UTAH OIL AND OMPLETE DRILLIN ORM 5. IF OPERATO	Cement Light (Hibond Light (Hibond Premium Plu 35/65 Poz Premium AG30 GAS CONSERVATI G PLAN OR IS OTHER THAN TO AP	Sacks 50 50 300 1100 000 400 000	Yield 2.36 3.86 1.15 2.16 1.49	Weight 13.63 10.0 15.8 14.5

Patara Oil & Gas, LLC Cisco State 36-13

SHL: 1,158' FNL 1,543' FEL (NW/4 NE/4) Sec. 36 T31S R24E San Juan County, Utah

> Surface: State State Mineral Lease: ML48737

10 POINT DRILLING PROGRAM

Revised: April 12, 2011

Please contact Mr. Dan Manley, Drilling Engineer, 970-478-2755, if there are any questions or concerns regarding this Drilling Program.

SURFACE ELEVATION: 5991.9' (Un-graded ground elevation)

GEOLOGIC NAME OF SURFACE FORMATION: Uintah - Tertiary

1. <u>ESTIMATED FORMATION TOPS:</u>

Estimated KB: 6,006' (16.0')

Formation	Measured Depth	Subsea Depth
Tertiary – (Uintah)	Surface	-6,006'
Wingate	806'	5,200'
Chinle	1,076'	4,930'
Cutler	1,756'	4,250'
Hermosa	3,556'	2,450'
Ismay	5,006'	1,000'
Paradox - Salt	5,316'	690'
Barker Creek	5,908'	98'
Alkali Gulch	7,224'	-1,218'
Cane Creek	7,846	-1,840'
TD	8,306'	-2,300'

DRILLING PROGRAM Cisco State 36-13 Revised April 12, 2011

Page 2

3. ESTIMATED DEPTHS OF MINERAL BEARING -FORMATION:

Estimated depths at which water, oil, gas or other mineral-bearing formations are expected to be encountered:

Formation	Depth	Lithology	Oil Gas, Water
Uintah	Surface	Ls, Sh, Dol, Anhy	Fresh Water
Ismay	5,006'	Hal	Oil
Barker Creek	5,908'	Dol, Sh, Hal	Oil
Alkali Gulch	7,224'	Dol, Sh, Hal	Oil
Cane Creek	7,846'	Dol, Sh, Ss, Anhy	Oil

Conductor

60' of 20", 94#/Ft, H-40, STC set in 26" hole (minimum 25' if surface boulders do not allow going deeper)

Cement to surface with redi-mix concrete.

Casinghead

13-5/8" 5M x 13-3/8" SOW w/ 2 2-1/16" 5M FP ("A" Section)

13-5/8" 10M x 11" 10M w/2 1-13/16" 10M FP ("B" Section)

11" x 7-1/16" x 10M psi WP tubing spool with 2-1/16" studded outlets equipped with 2-1/16" x 10M WP gate valves.

Surface Casing

Fresh water sands to be cased off with 13-3/8", 54.50#/Ft, J-55, STC surface casing string set at 1,500' and cemented to surface.

Intermediate Casing

Intermediate casing will be set at ±5,300' above the top of the Paradox Salt. 9-5/8" 40#/Ft, HCP-110, LTC will be set and cemented 200' above the base of the surface casing shoe set at 1,500'.

Production Casing

Oil in all pay sections will be cased off with 7" casing. Top of Cement will be circulated 300 feet above the intermediate casing shoe set at 5,300'. This brings the top of cement to $\pm 5,000$ '. A corrosion/bactericide inhibitor will be placed in the mud system above the cement top to surface.

Tubinghead

11" x 7-1/16" 10M STD w/2 2-1/16" 10M FP with gate valves

4. CASING and CEMENT PROGRAM:

Proposed Casing Program:

Purpose	Interval	Hole Size	Casing Size	Weight	Grade	Thread	Cond.
Conductor	0-60'	26"	20"	94 ppf	H-40	ST&C	New
Surface	0-1,500'	17-1/2"	13-3/8"	54.50 ppf	K-55	ST&C	New
Intermediate	0-5,300'	12-1/4"	9-5/8"	40 ppf	HCP-110	LT&C	New
Production	0-8,300'	8-3/4"	7"	29 ppf	HCN-80	LT&C	New

Proposed Cement Program:

osea cement rogic	· · ·		
Casing String	Amount and Type of Cement	Interval	% excess
Surface	300 Sx Lite 10 ppg (3.86 cf/sk), + 700 Sx Premium 15.8 ppg (1.15 cuft/sk)	0'-1,500'	100%
Intermediate	1100 Sx 35/65 POZ + 2% Gel 14.5 ppg (2.16ft/sk)	0'-5,300'	35%
Production	400 sx Premium AG + 30 pps Hi-Dense #4 +15% Salt 16.8 ppg (1.49ft/sk)	8,300' -5,000'	15%

Cement volumes are approximate. Actual volumes will be calculated from caliper log data.

5. OPERATORS MINIMUM SPECIFICATION FOR BOPE:

Minimum specifications for pressure control equipment are explained on the attached schematic diagrams. The surface casing will be equipped with a flanged casing head of 5,000 psi working pressure. Pressure control equipment rating once 9-5/8" intermediate casing is set will be 10,000 psi. This equipment will be nippled up on the intermediate casing and tested to 250 psi low test/10,000 psi high test prior to drilling out. The intermediate casing will be tested to 80 percent of rated burst pressure prior to drill out. The choke manifold equipment, upper and lower Kelly cock, floor safety valves will be tested to 10,000 psi. The annular preventor will be tested to 250 psi low test /and 5,000 psi high test. The BOPE will be hydraulically operated. The tree will be 10,000 psi working pressure.

In addition, the BOP equipment will be tested after any repairs to the equipment. Pipe rams, blind rams and the annular preventor will be activated on each trip, and weekly BOP drills will be held with each crew. The formation leak off test will be performed by drilling out 10'-50' under the intermediate casing shoe and pressure testing to leak-off.

6. <u>DRILLING FLUIDS:</u>

Proposed Mud Program:

Interval	Туре	Mud Weight	Viscosity	Fluid Loss	
0'-1,500'	Air/Water / Native	8.4-8.7 ppg	26-40 Sec.	No Control	
1,500-5,300'	Air Mist and Aereated Water	8.4-8.5	No Control	No Control	
5.300'- 8,300'	Oil Base Mud	15.5-16.5	50-55	<8cc/30 min	

Anticipated mud weights are based on actual offset well bottom-hole pressure data. Higher mud weights may need to be utilized for trip margin and to add hole stability for salt and shale intervals where hole sloughing may occur.

There will be approximately 850 bbl of mud in reserve.

The mud system will be run utilizing a closed loop system.

Mud Products	Quantity on Location
Bentonite	1200 sx
Barite	1000 sx
Caustic Soda	100 sx
Lignite	125 sx
Drispac	110 sx
LCM	1200 sx

7. AUXILIARY EQUIPMENT:

PVT equipment measuring mud volume, pump strokes and percent return flow to be installed after setting surface casing and installing BOPE. This system includes alarms and remote terminals located on the rig floor.

- A) Mud logger with gas monitor BSC to TD.
- B) Choke manifold with remote control choke.
- C) Full opening floor valve with drill pipe thread.
- D) Upper and lower kelly cock
- E) Desander
- F) Desilter
- G) PVT monitor on pit level, audio and visual below surface casing.
- H) Gas Buster and closed loop mud system

Page 5

DRILLING PROGRAM Cisco State 36-13 Revised April 12, 2011

LOGGING, TESTING, and CORING PROGRAMS:

Logs	Interval
Platform Express with AIT/GR/SP & CNL/LDT/GR/Cal (2.65 gm/cc SS Matrix)	8,300' – 5,300' GR TO SURFACE
GR/Dipole Sonic (55.5 usec/ft SS Matrix)	8,300'-5,300'
AIT/GR/SP/Cal	8,300' – 5,300'

Testing: No DST are anticipated or planned.

Coring Program: 60' core through the Cane Creek Formation

Stimulation Program: Evaluate open hole logs to determine interval to perforate. Perforate selected

intervals of the Cane Creek.

Completion plans are to drill, log, case, and perforate the Cane Creek prior to stimulation. The zones normally require fracture stimulation upon completion. Fracture stimulation design is pending results of formation height, permeability and porosity. Design to be performed after initial logging results and pressure transient data is acquired.

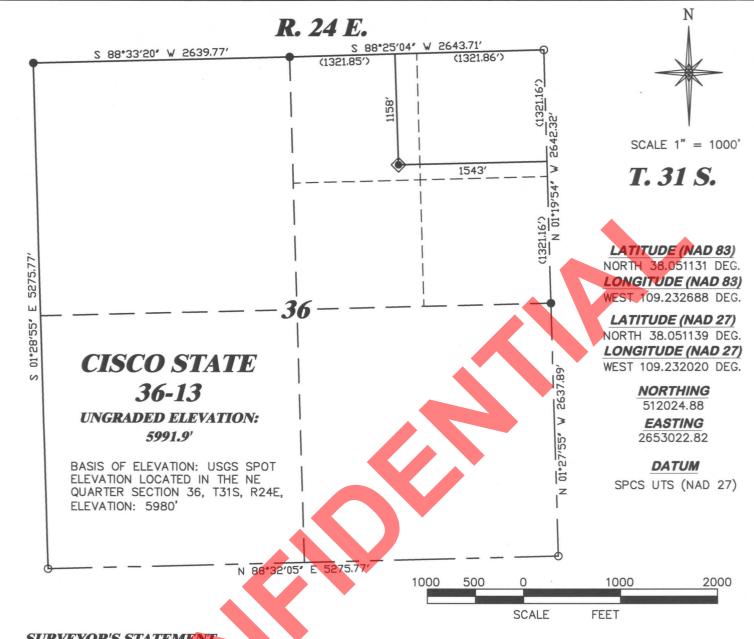
Plan to perforate the Cane Creek Formation with casing guns and frac down 7" casing with gelled water and proppant.

9. <u>ABNORMAL PRESSURE, TEMPERATURE, POTENTIAL HAZARDS:</u>

The maximum anticipated bottomhole pressure is 7,800 psi (0.96 psi/ft) and will be controlled with mud weight and BOP equipment. The anticipated bottomhole temperature is 131 °F. No hydrogen sulfide gas or other potential hazards are anticipated. The fracture gradient is anticipated to be 0.85 – 0.90 psi/ft.

10. ANTICIPATED AGENDA:

The operation is expected to commence soon after a permit is issued, subject to rig availability. Drilling operations will last about 30 days. If data indicate that this is a commercial well the production casing will be run. Approval for further action will be requested on a Sundry Notice.



SURVEYOR'S STATEMENT

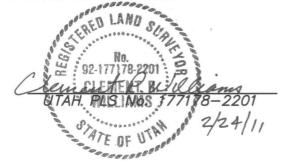
I, CLEMENT R. WILLIAMS, OF ROCK SPRINGS, WYOMING, HEREBY STATE: THIS MAP WAS MADE FROM NOTES TAKEN DURING AN ACTUAL FIELD SURVEY DONE UNDER MY DIRECT SUPERVISION ON FEBRUARY 18, 2011 AND THAT THIS PLAT CORRECTLY SHOWS THE LOCATION OF CISCO STATE 36-13 AS STAKED ON THE GROUND.

LEGEND

- WELL LOCATION
- ☐ BOTTOM HOLE LOC. (APPROX)
- FOUND MONUMENT
- PREVIOUSLY FOUND MONUMENT
- O CALCULATED CORNER

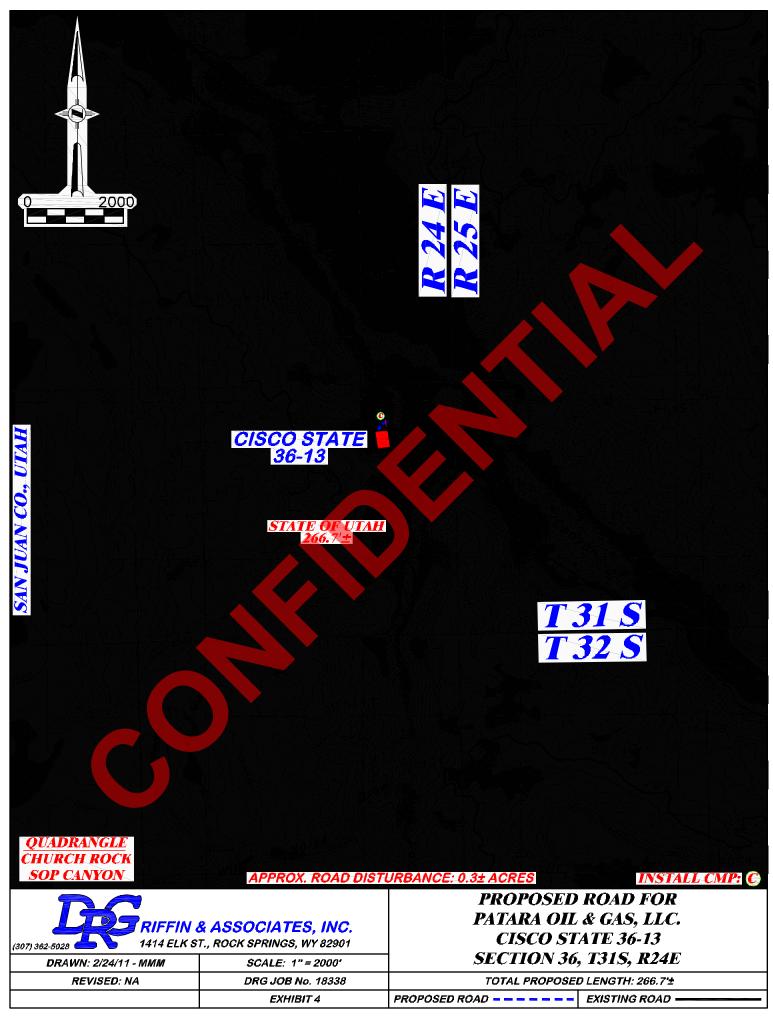


DRAWN: 2/24/11 - MMM SCALE: 1" = 1000' REVISED: NA **DRG JOB No. 18338 EXHIBIT 1**



PLAT OF DRILLING LOCATION **FOR** PATARA OIL & GAS, LLC.

1158' F/NL & 1543' F/EL, NWNE, SECTION 36, T. 31 S., R. 24 E., S.L.B.M. SAN JUAN COUNTY, UTAH





Patara Oil & Gas LLC

600 17th Street, Suite 1900 S, Denver, CO 80202

Phone (303) 825-0685 . Fax (720) 235-4560

April 6, 2011

Mr. Joseph F. Barton Ms. Iris T. Barton P. O. Box 484 Monticello, UT 84535-0484

> RE: Cisco State #36-13-31-24 Well

Cisco Federal Unit San Juan County, Utah

Dear Mr. and Ms. Barton:

According to public records, the Barton Family Trust is holder of a grazing permit (GP-21318.99) from the Utah State Institutional Trust Land Administration (SITLA) covering the following described lands located in San Juan County, Utah:

> Township 31 South, Range 24 East, SLBM Section 36: ALL

Patara Oil and Gas LLC is holder of an oil and gas lease from SITLA covering said lands. Please be advised of Patara's plans to drill the subject well at a location on said lands in the NW4NE4 of said Section 36, as shown on the attached plat. We expect to begin construction of the short access road from county road 105/East Canyon Road, and drillsite pad in the latter part of May.

Within the next couple of weeks we expect to hold a meeting at the proposed drillsite with state personnel. Please let me know if you're interested in attending. In the meantime, should you have any questions, regarding this matter, please give me a call at 303-563-5362.

Sincerely,

Patara Oil & Gas LLC

R. G. Davis, CPL Vice President, Land



Patara Oil & Gas LLC

600 17th Street, Suite 1900 S, Denver, CO 80202

Phone (303) 825-0685 . Fax (720) 235-4560

April 6, 2011

Uranium One Exploration USA Inc. 8055 E. Tufts Avenue, Suite 500 Denver, CO 80237

RE: Cisco State #36-13-31-24 Well

Cisco Federal Unit San Juan County, Utah

Ladies and Gentlemen:

According to public records, Uranium One Exploration is holder of an uranium lease from the Utah State Institutional Trust Land Administration (SITLA) covering the following described lands located in San Juan County. Utah:

Township 31 South, Range 24 East, SLBM Section 36: N2

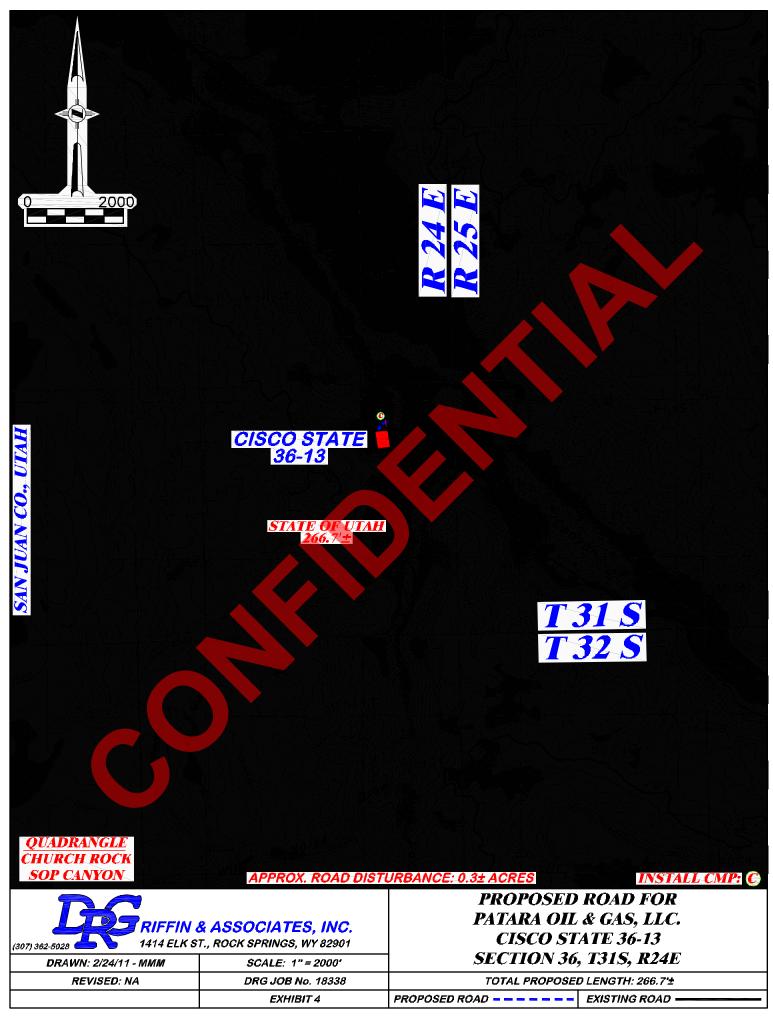
Patara Oil and Gas LLC is holder of an oil and gas lease from SITLA covering said lands. Please be advised of Patara's plans to drill the subject well at a location on said lands in the NW4NE4 of said Section 36, as shown on the attached plat. We expect to begin construction of the short access road from county road 105/East Canyon Road, and drillsite pad in the latter part of May.

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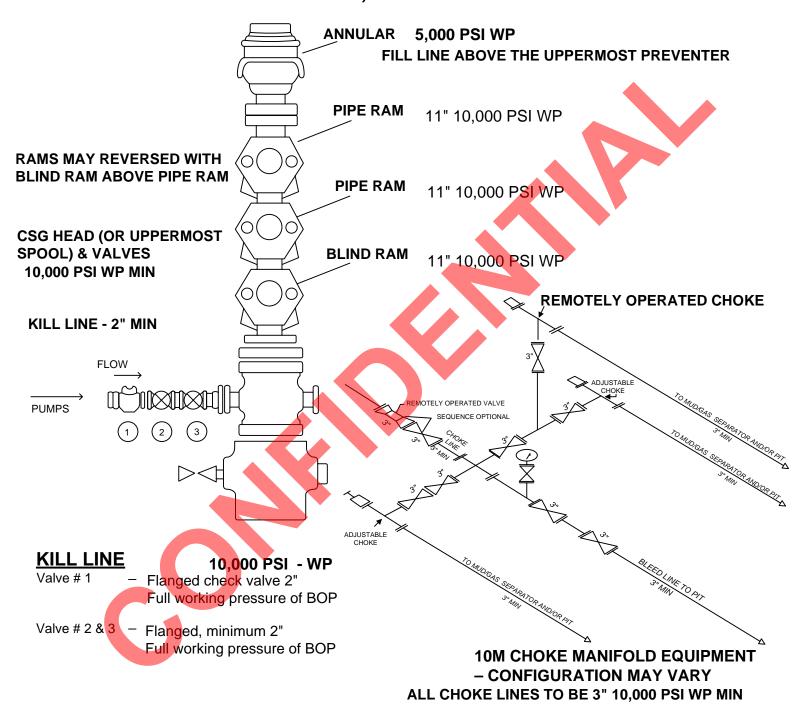
Sincerely,

Patara Qil & Gas LLC

R. G. Davis, CPL Vice President, Land

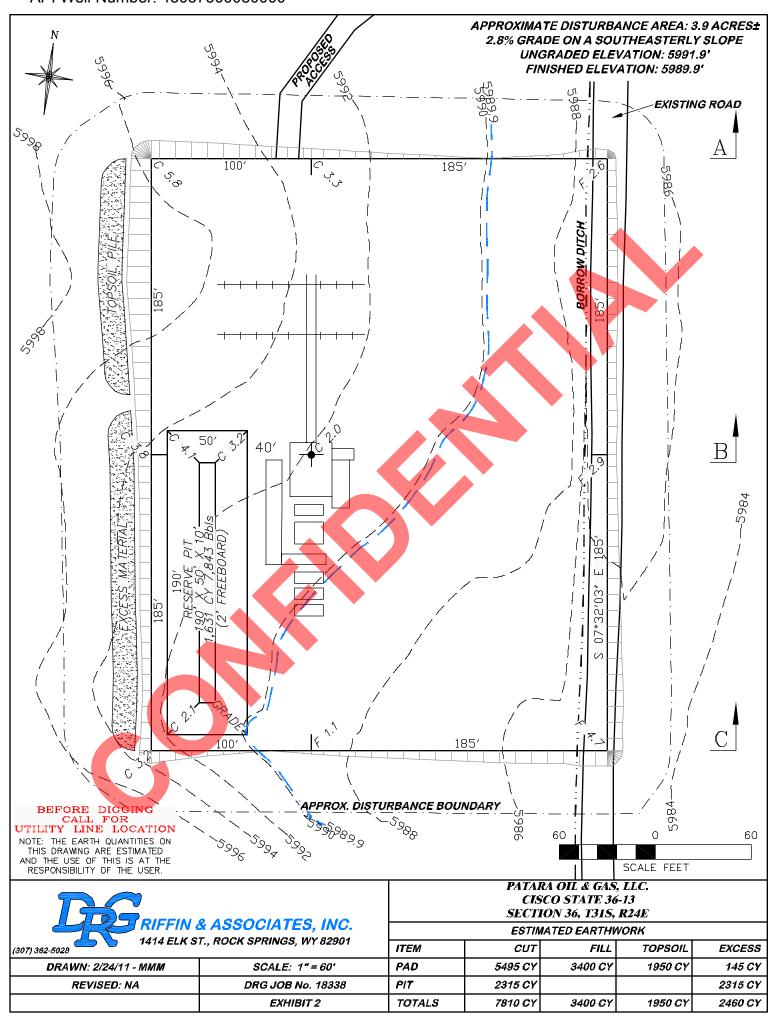


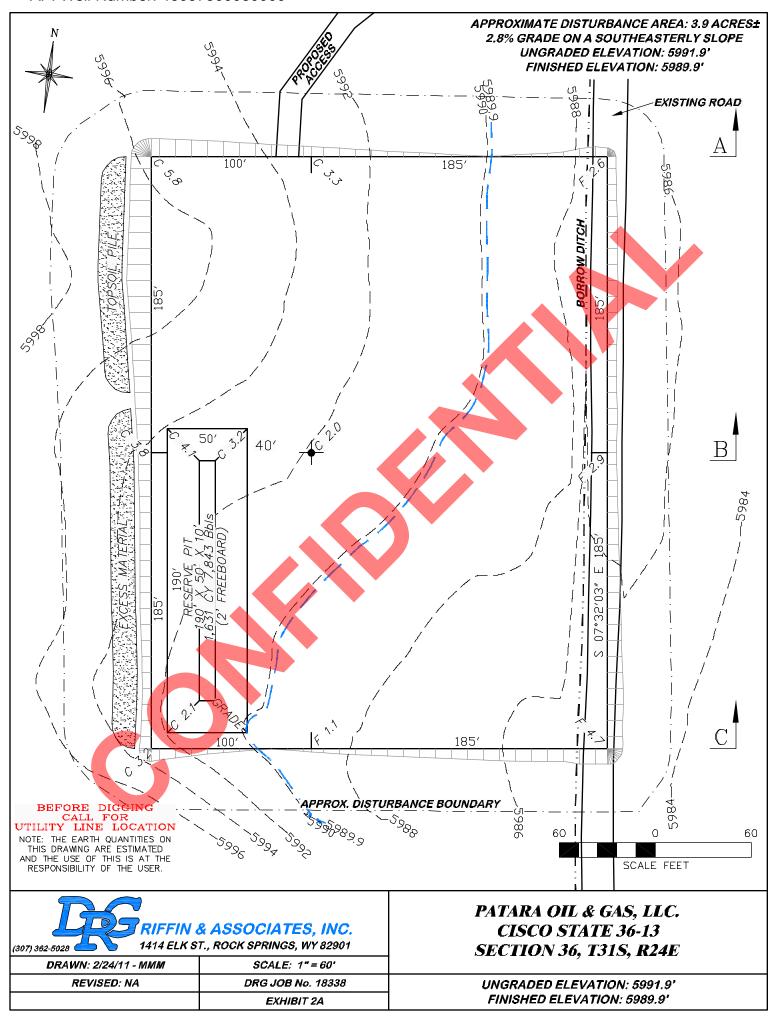
MINIMUM BOP Requirements 10,000 PSI

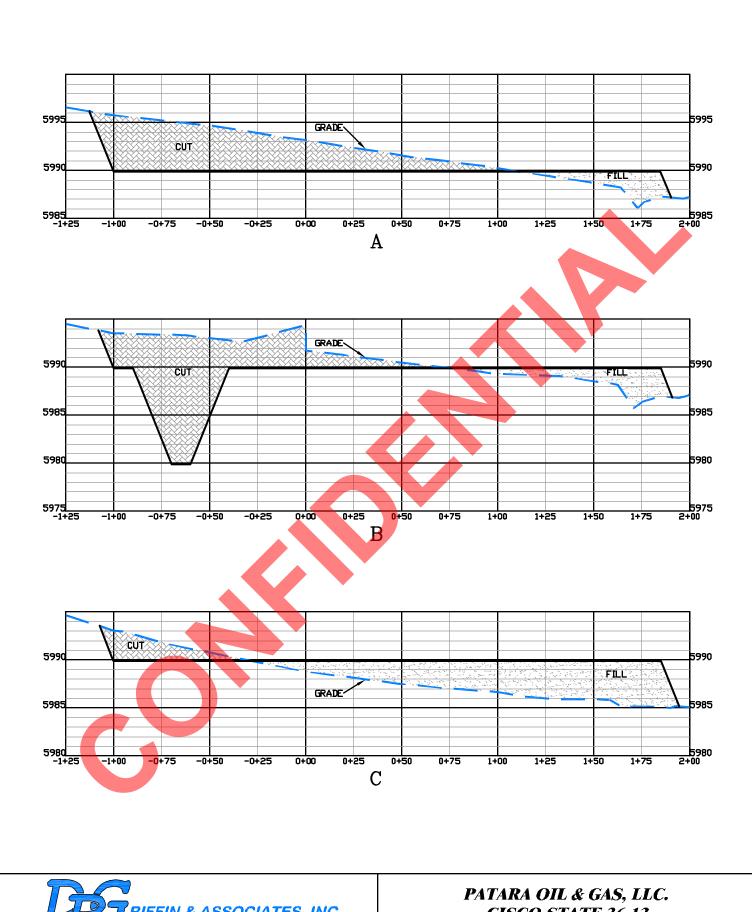


GENERAL RULES AND RECOMMENDATIONS

All lines to manifold are to be at right angles (90 deg.). No 45 deg. Angles are to be used. Blind flanges are to be used for blanking.
All studs and nuts are to be installed on all flanges.



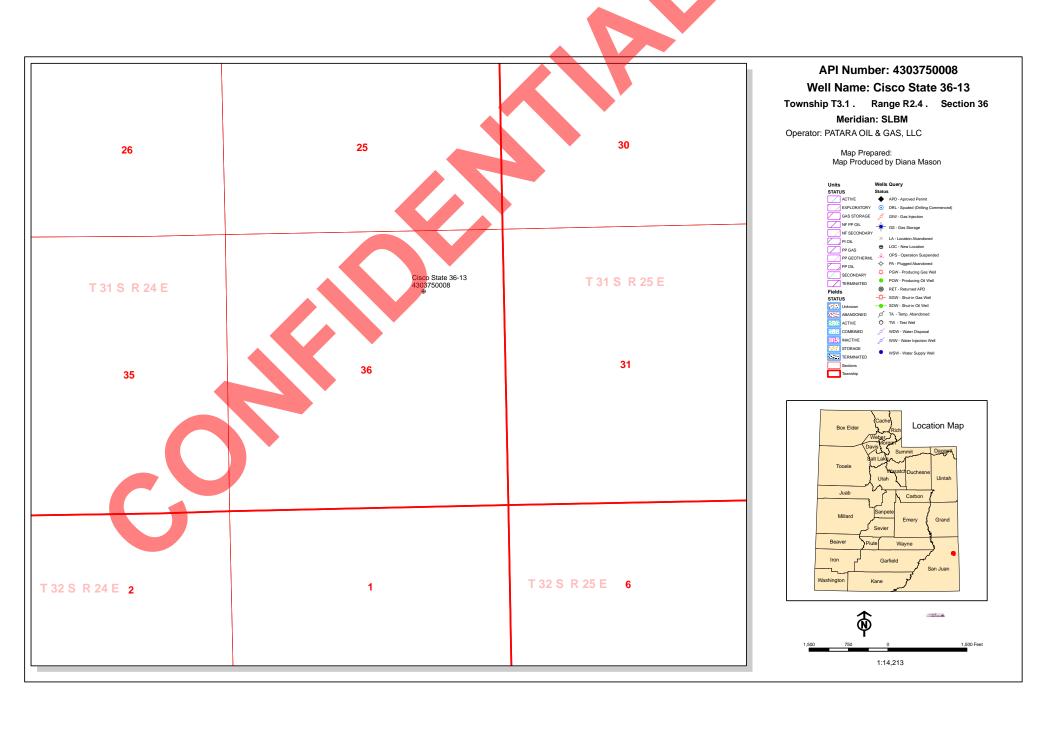




	& ASSOCIATES, INC. ST., ROCK SPRINGS, WY 82901			
DRAWN: 2/24/11 - MMM	HORZ. 1" = 50' VERT. 1" = 10'			
REVISED: NA	DRG JOB No. 18338			
	FXHIRIT 3			

PATARA OIL & GAS, LLC. CISCO STATE 36-13 SECTION 36, T31S, R24E

UNGRADED ELEVATION: 5991.9' FINISHED ELEVATION: 5989.9'





State of Utah

GARY R. HERBERT Governor

> GREG BELL Lieutenant Governor

Office of the Governor

PUBLIC LANDS POLICY COORDINATION

JOHN HARJA Director

April 25, 2011

Diana Mason
Petroleum Specialist
Department of Natural Resources, Division of Oil Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, UT 84114-5801

Subject: Application for Permit to Drill Cisco State 36-13 well

RDCC Project No. 26100

Dear Ms. Mason:

The State of Utah, through the Public Lands Policy Coordination Office (PLPCO), has reviewed this project. Utah Code (Section 63J-4-601, et. seq.) designates PLPCO as the entity responsible to coordinate the review of technical and policy actions that may affect the physical resources of the state, and to facilitate the exchange of information on those actions among federal, state, and local government agencies. As part of this process, PLPCO makes use of the Resource Development Coordinating Committee (RDCC). The RDCC includes representatives from the state agencies that are generally involved or impacted by public lands management.

Division of Air Quality

Because fugitive dust may be generated during soil disturbance the proposed project will be subject to Air Quality rule R307-205-5 for Fugitive Dust. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules can be found at www.rules.utah.gov/publicat/code/r307/r307.htm.

The state encourages the use of Best Management Processes (BMP s) in protecting air quality in Utah. The state recommends the following BMP s as standard operating procedures:

1) Emission Standards for Stationary Internal Combustion Engines of 2 g/bhp-hr of NOx for engines less than 300 HP (Tier 3) and 1 g/bhp-hr of NOx for engines over 300 HP (Tier 3).

 $5110 \ State \ Office \ Building, PO \ Box \ 141107, Salt \ Lake \ City, \ Utah \ 84114-1107 \cdot telephone \ 801-537-9801 \cdot facsimile \ 801-537-9226 \cdot telephone \ 801-537-9801 \cdot facsimile \ 801-537-9801 \cdot telephone \ 801-537-9801 \cdot facsimile \ 801-537-9801 \cdot telephone \ 801-537-9801 \cdot facsimile \ 801-537-9801 \cdot telephone \ 801-537-9801 \cdot telep$

- No or low bleed controllers for Pneumatic Pumps, Actuators and other Pneumatic devices.
- Green completion or controlled VOC emissions methods with 90% efficiency for Oil or Gas Atmospheric Storage Tanks, VOC Venting controls or flaring. Glycol Dehydration and Amine Units Units, VOC Venting controls or flaring, Well Completion, Re-Completion, Venting, and Planned Blowdown Emissions.

If compressors or pump stations are constructed at the site a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to R307-401: Permit: Notice of Intent and Approval Order, of the Utah Air Quality Rules. A copy of the rules can be found at www.rules.utah.gov/publicat/code/r307/r307.htm.

The State of Utah appreciates the opportunity to review this proposal and we look forward to working with you on future projects. Please direct any other written questions regarding this correspondence to the Public Lands Policy Coordination Office at the address below, or call Judy Edwards at (801) 537-9023.

Sincerely,

John Harja Director



Patara Oil & Gas LLC

600 17th Street, Suite 1900 S, Denver, CO 80202

Phone (303) 825-0685 . Fax (720) 235-4560

April 25, 2011

VIA OVERNIGHT DELIVERY

Ms. Diane Mason
Utah Department of Natural Resources
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84116

RE:

Exception to Location and Siting of Wells

Cisco State #36-13-31-24
Pending Cisco Federal Unit
San Juan County, Utah

Dear Ms. Mason:

Reference is made to that certain application for permit to drill (APD) covering the captioned well, which well is presently surface located 1,158' FNL and 1,543 FEL of Section 36, T31S, R24E, San Juan County, Utah (Please see enclosed plat). This wildcat well is located outside the 400 feet square "window" provided for under state rule R649-3-2. In accordance with state rule R649-3-3, Patara hereby respectfully requests an exception to said Location and Siting Wells rule, and provides the following information is support thereof:

- 1.) Patara holds 100% of the oil and gas leasehold interest within a 460 feet radius of the proposed well location. Said leasehold is covered under Utah State Institution Trust Lands Administration (SITLA) Lease bearing serial number ML-48737, which lease covers all of said Section 36. SITLA owns the surface and mineral estate to said Section in fee.
- 2.) The basis for the exception principally concerns the topography of the area. Again, please refer to the attached plat that shows shaded in grey the 400 feet window around the center point of the quarter/quarter in which the proposed well is located, namely the NW4NE4. You'll note that the topography within the window is very rugged, with slopes in excess of 30 degrees. Moreover, we prefer to spot the well immediately west of the county road to limit the length of the access road, away from the main natural drainage area and for easier pipeline access.
- 3.) Patara recently held an Area and Depth meeting with representatives of the Utah State office for the U. S. Bureau of Land Management, and representatives of SITLA to discuss the

formation of a federal exploratory Unit, named Cisco. We received approval to move forward with the Unit, and will mail Unit joinders to appropriate parties this week.

4.) By separate letters dated April 6, 2011 (copies attached), Patara notified holders of the respective mineral lease and grazing lease covering, in part, the drillsite tract of our plans to drill said well. As of this date, neither Uranium One nor Mr. and Mrs. Barton responded to our letter and offer to attend the pending onsite meeting.

In consideration of the foregoing, we therefore respectfully request an exception to rule R649-3-2 for purposes of drilling the captioned well at the location set forth in the APD. Should you have any questions, regarding this matter, please do not hesitate to give me a call at 303-563-5362.

Sincerely,

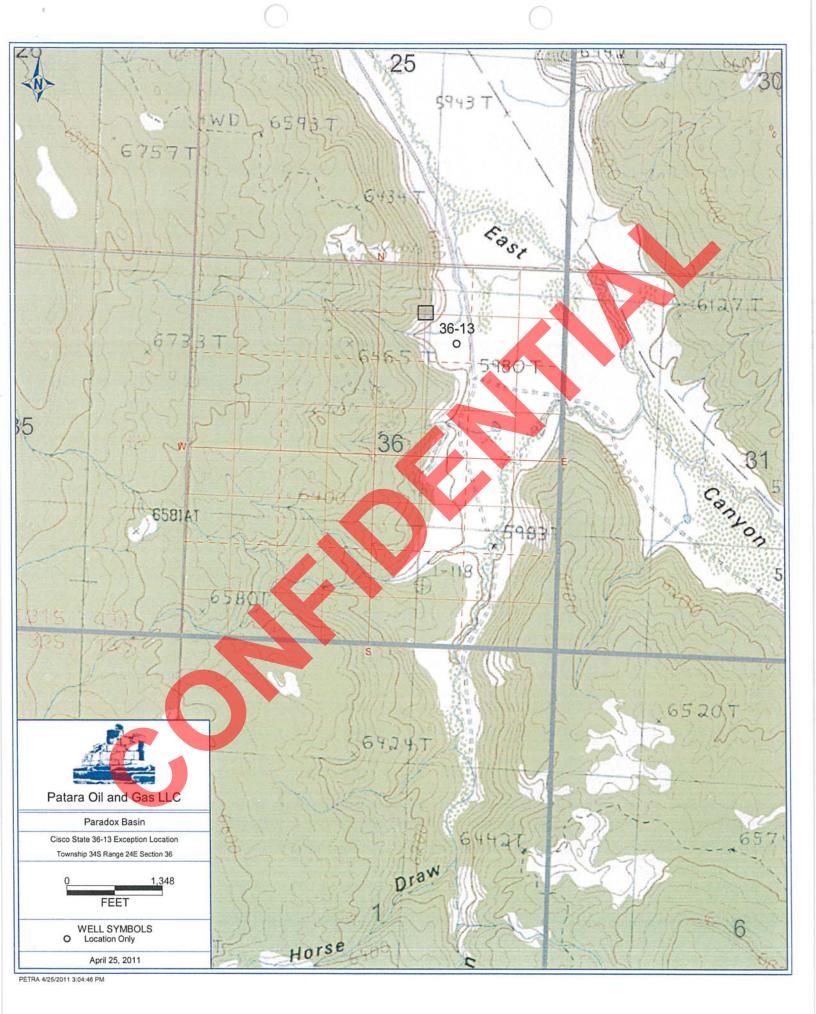
Patara/Oil & Gas LLC

R. G. Davis, CPL Vice President, Land

Enclosure

xc: Lavonne Garrison – SITLA

w/attachments



From:

Brad Hill

To:

Mason, Diana

Date:

5/16/2011 3:02 PM

Subject:

Fwd: FW: Cisco State 36-13 revised pad layout

Attachments: CISCO STATE 36-13-REV-12may11.pdf

would you check and make sure this stuff is in the APD. Thanks

>>> Danny White <dwhite@pataraog.com> 5/12/2011 3:30 PM >>>

Bart, this is the final plat layout for the Cisco. Thanks for everything and if you have any questions feel free to give me a call.

From: David E. Henderhan [mailto:dhenderhan@drg-wy.com]

Sent: Thursday, May 12, 2011 2:46 PM

To: Kevin Stephens; 'Danielle Gavito'; Danny White, 'Dan Manley'; 'Dave Banko', Bob Davis;

krlcdana@fascination.com; dan.manley@mac.com

Cc: 'Richard Bullen'; 'Ron Rennke'; 'Kevin Hardesty'; 'Ray Williams'

Subject: RE: Cisco State 36-13 revised pad layout

All,

Here is the plat package with the changes that Dan Manley and I discussed today. He hasn't had a change to actually look at it yet on the screen, as he is still on the road, but in conversation said this is what he needed. Please feel free to let me know if you need any changes and we'll get on them.

Thanks Dave

David E. Henderhan PLS

D. R. Griffin & Assoc. 570 E. Crete Cir., Unit 1 Grand Junction, Co 81505 (970) 245-4921 (o) (970) 245-4932 (f) DHenderhan@drg-wy.com (email) http://www.drg-wy.com (website)

From: Kevin Stephens [mailto: KStephens@pataraog.com]

Sent: Thursday, May 12, 2011 6:26 AM

To: David E. Henderhan, bartkettle@utah.gov, 'Danielle Gavito', Danny White, 'Dan Manley', 'Dave Banko'; Bob Davis; krlcdana@fascination.com

Cc: 'Richard Bullen'; 'Ron Rennke'; 'Kevin Hardesty'; 'Ray Williams'

Subject: RE: Cisco State 36-13 revised pad layout

All,

Dan Manley and Dave Henderhan are going to make some further revisions to these plats today.

These are not the final Cisco State 36-13 plats.

Also, do not include anyone from regulatory agencies on these emails between Banko, D.R.Griffin, and Patara. Bart Kettle from UDOGM was on the previous circulation. When plats are finalized, Banko will distribute them to the regulatory agencies.

Thanks, Kevin

From: David E. Henderhan [mailto:dhenderhan@drg-wy.com]

Sent: Wednesday, May 11, 2011 3:56 PM

To: bartkettle@utah.gov; 'Danielle Gavito'; Danny White; 'Dan Manley'; Kevin Stephens; 'Dave

Banko'; Bob Davis; krlcdana@fascination.com

Cc: 'Richard Bullen'; 'Ron Rennke'; 'Kevin Hardesty'; 'Ray Williams'

Subject: RE: Cisco State 36-13 revised pad layout

All,

Here is the updated package for the Cisco State 36-13 with the revisions requested this morning:

Rename solids pit to "reserve pit", add 20x20x10 cuttings pit, and remove blooie pit/add flare stack. Let us know if you require any additional changes.

Thanks Dave

David E. Henderhan PLS

D. R. Griffin & Assoc. 570 E. Crete Cir., Unit 1 Grand Junction, Co 81505 (970) 245-4921 (o) (970) 245-4932 (f) DHenderhan@drg-wy.com (email) http://www.drg-wy.com (website)

From:Ron Rennke [mailto:rrennke@drg-wy.com]

Sent: Wednesday, May 11, 2011 1:01 PM

To: dwhite@pataraog.com; 'Dan Manley'; 'Kevin Stephens'

Cc: Dave Henderhan; Richard Bullen

Subject: Cisco State 36-13 revised pad layout

Attached is the revised pad layout per our phone conversation earlier today.

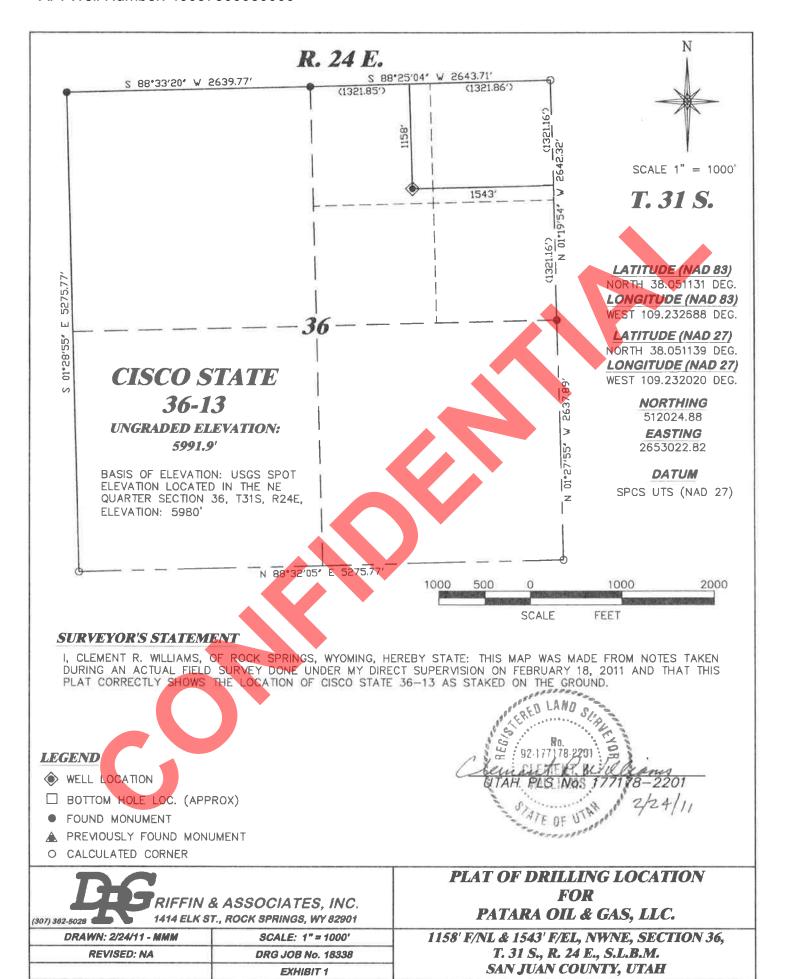
Will be glad to make any modifications if needed and/or if OK will insert into the package and email to Bart Kettle.

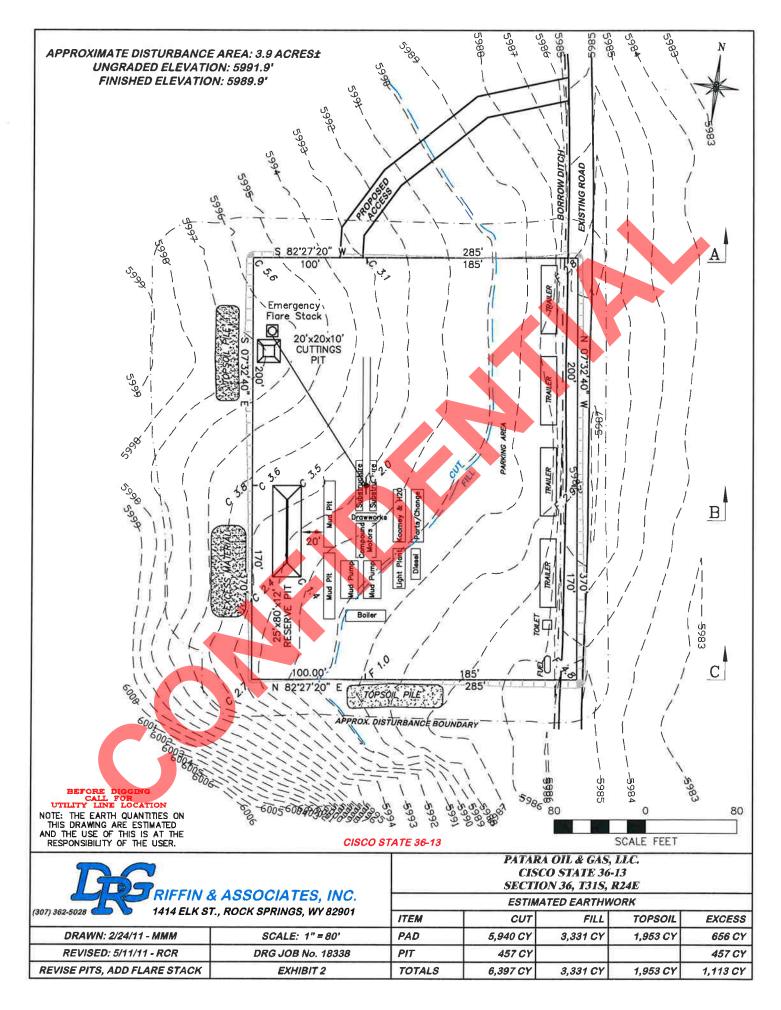
I am on the road today and in the mountains - receiving emails is not idea.

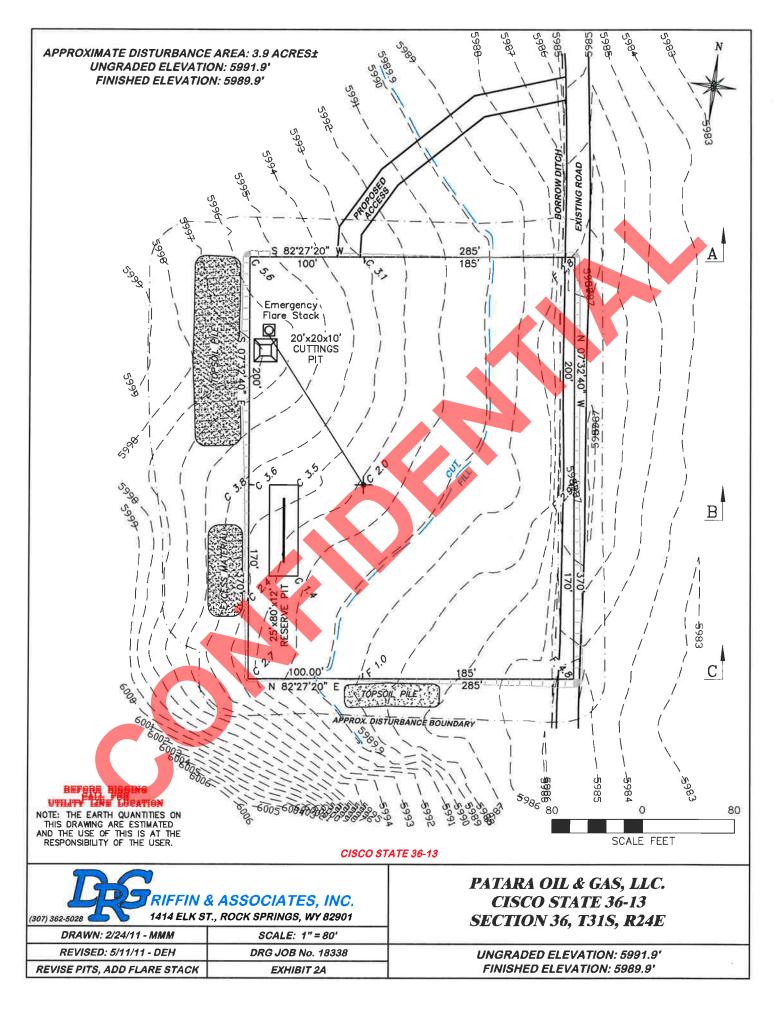
If attention is needed, please call me on my cell at (970) 433-5454 or call our office at (970) 245-4921. Dave Henderhan is also familiar with this project and assist if needed too.

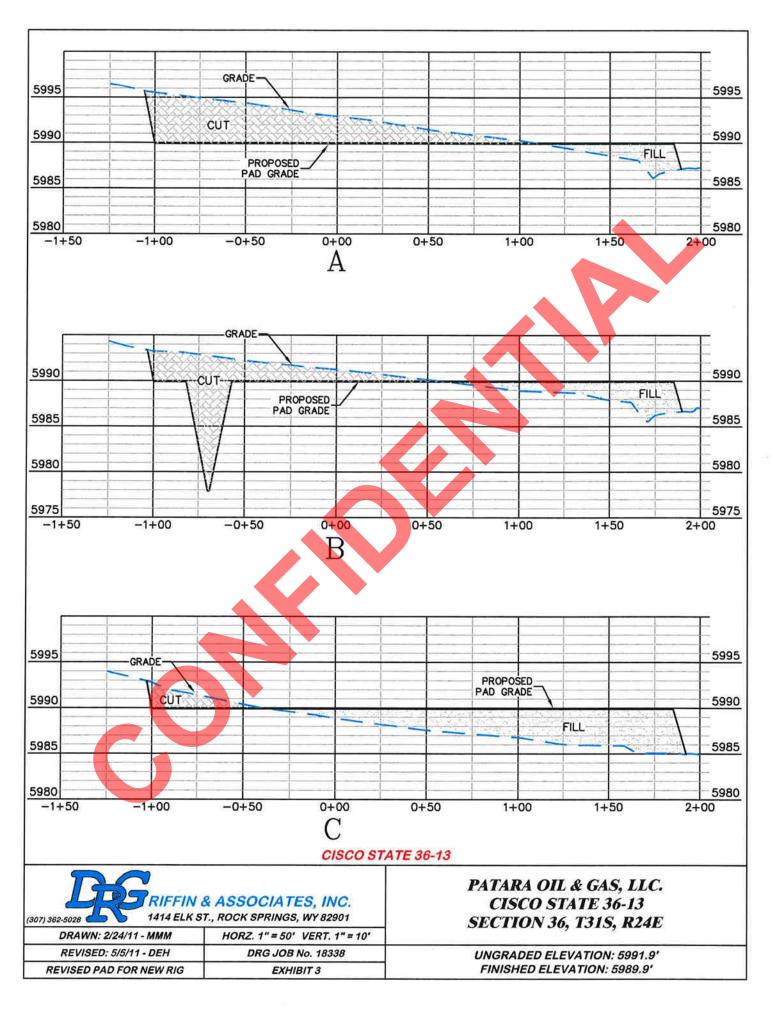
Thanks! Ron

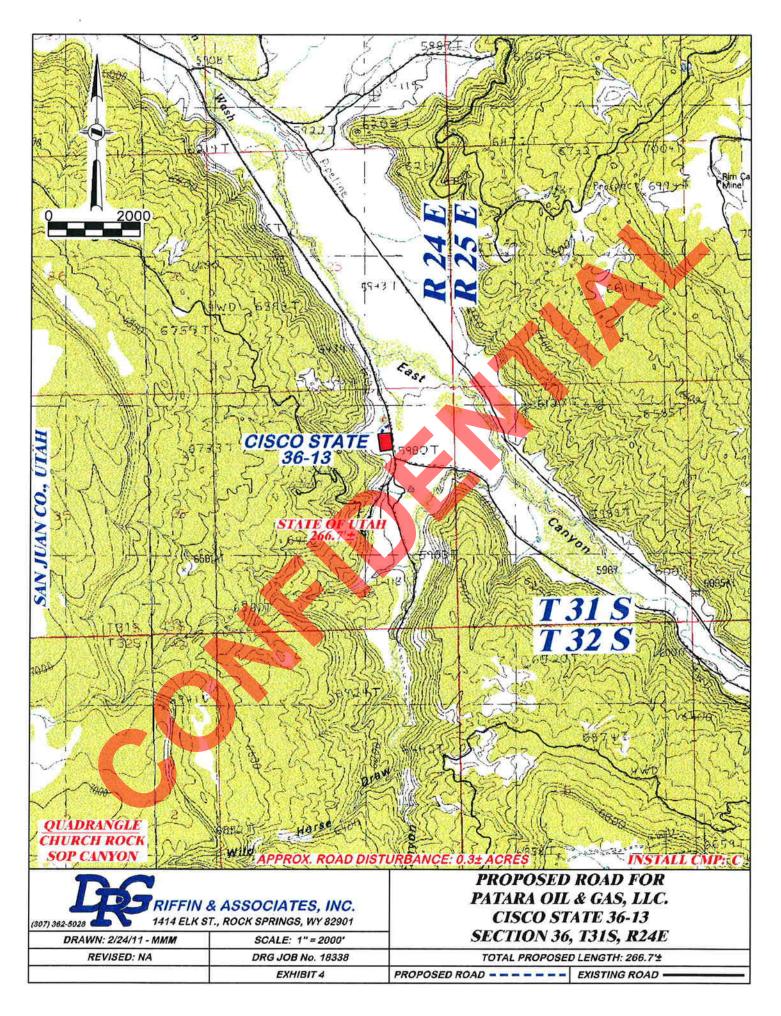














STATE OF UTAH COUNTY OF SAN JUAN

> **APPARENT OWNERSHIP:** STATE OF UTAH

FOUND MONUMENT SECTION CORNER

FOUND MONUMENT QUARTER CORNER

PROJECTED CORNER

MONUMENT FOUND IN PREVIOUS SURVEY

DATUM SPCS UTS (NAD 27)

88.525.04. M 5643.71. NUMBER DIRECTION DISTANCE N 03'49'12' W 38.58 N 28'46'52' 58.41 N 44'05'43' 100.31 N 70'35'00' 69.40

SECTION 36, TOWNSHIP 31 SOUTH, RANGE 24 EAST, of the S.L.B.M.

SURVEY DESCRIPTION:

A STRIP OF LAND, 50,00 IN WIDTH FOR A PROPOSED ROAD RIGHT OF WA ITUATED IN THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 36 TOWNSHIP 3 OUTH RANGE 24 EAST, SALT LAKE BASE MERIDIAN, SAN JUAN COUNTY, UTAH THE BOUNDARIES THEREOF BEING 25 00 FEET ON EITHER SIDE OF THE FOLLOWING DESCRIBED CENTERLINE

COMMENCING AT THE QUARTER SECTION CORNER COMMON TO SECTION 36, TOWNSHIP 31 SOUTH, RANGE 24 EAST, SALT LAKE BASE MERIDIAN, SAN JUAN COUNTY, UTAH, AND SECTION 31 TOWNSHIP 31 SOUTH, RANGE 25 EAST, SALT LAKE BASE MERIDIAN, SAN JUAN COUNTY, UTAH, BEING A BRASS CAP AND IRON PIPE MONUMENT, THENCE NORTH 44°52'58" WEST, 2290 16 FEET TO THE TRUE POINT OF BEGINNING;

THENCE NORTH 03°49'12 WEST 38.88 FPET THENCE NORTH 28'46'52 EAST 58'41 FEET THENCE NORTH 44'05'43 EAST 100.31 FEE

THENCE NORTH 70°35°00° EAST, 59 40 FEET FO THE POINT OF TERMINUS SOUTH 58°38°21" EAST, 1462 50 FEET, FROM THE QUARTER SECTION CORNER COMMON TO SECTIONS 25 AND 36 TOWNSHIP 31 SOUTH, RANGE 24 EAST SALT LAKE BASE MERIDIAN SAN JUAN COUNTY UTAH, BEING AN IRON BAR MONUMENT

STATEMENT OF SURVEYOR:

R WILLIAMS STATES HE IS BY OCCUPATION A PROFESSIONAL LAND SURVEYOR EMPLOYED BY PATARA OIL & GAS. LLC. TO DRIVEY OF THE DENTERLINE OF A PROPOSED ROAD RIGHT-OF-WAY AS DESCRIBED AND SHOWN HEREON. THAT THE SAID WORK WAS MADE UNDER HIS SUPERVISION AND AUTHORITY COMMENCING ON THE 18th DAY OF FEBRUARY 2011 SUCH SURVEY IS ACCURATELY REPRESENTED UPON THIS PLAT MAKE A SURVEY

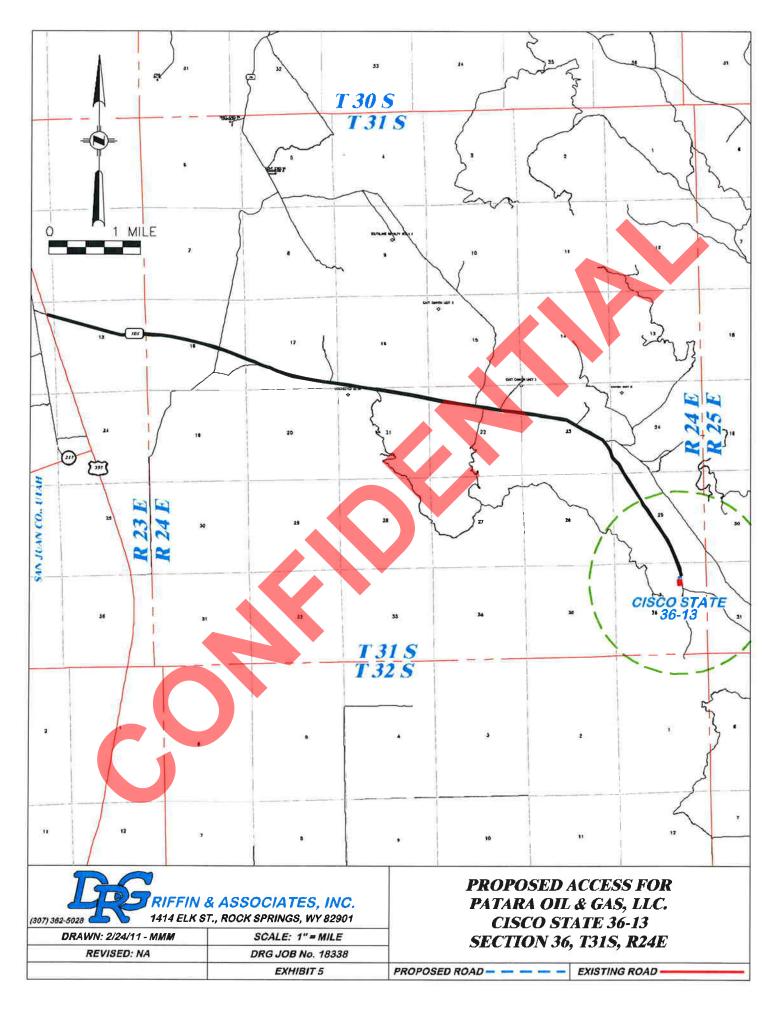


Total R-O-W Width 50 Feet, __30_Left, _30_Right of Centerline. 266.70 Feet, 16.16 Rods, 0.306 Acres



REVISED: NA DRG JOB No. 18338 EXHIBIT A

A MAP SHOWING A PROPOSED ROAD RIGHT-OF-WAY PREPARED FOR: PATARA OIL & GAS, LLC.



DRG No. 18338

DRIVING DIRECTIONS:

PATARA OIL & GAS, LLC. CISCO STATE 36-13 NWNE SEC. 36, T 31 S, R 24 E, S.L.B.M. SAN JUAN COUNTY, UTAH FEBRUARY 21, 2011

Begin at the intersection of Utah State Highway 191 and Utah State Highway 491 at the town of Monticello, Utah. Travel northerly on State Highway 191 for 15.9 miles to the intersection of State Highway 191 and San Juan County Road 105/East Canyon Road. Turn right onto San Juan County Road 105/East Canyon Road and drive southeasterly for 8.1 miles. Turn right onto the proposed access road and drive southwesterly for 0.1 mile to reach the proposed well site.

From: Jim Davis

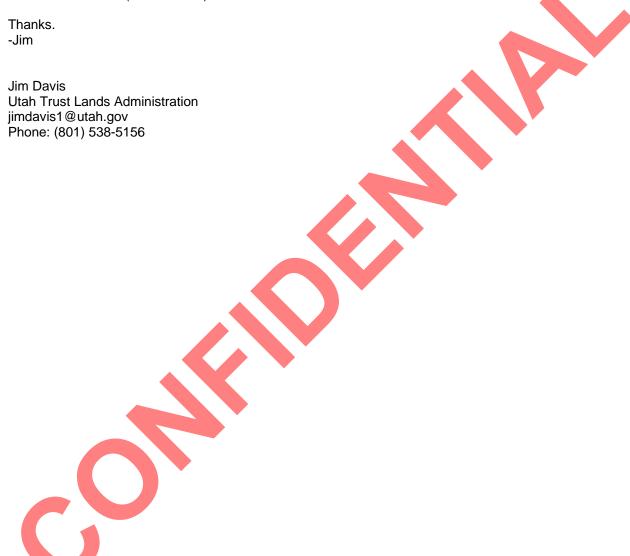
To: Bonner, Ed; Garrison, LaVonne; Hill, Brad; Mason, Diana

CC: bdavis@pataraog.com
Date: 5/18/2011 7:10 AM

Subject: Cisco State 36-13 approval

The following APD has been approved by SITLA including arch clearance. The proposed location is outside the paleo sensitive area and therefore does not require paleo clearance.

Cisco State 36-13 (4303750008)



Required Casing/BOPE Test Pressure=

BOPE REVIEW PATARA OIL & GAS, LLC Cisco State 36-13 43037500080000

			0 20000 10	10007000	
Well Name PATARA OIL & GAS, LLC Cisco S					037500080000
String	Cond	Surf	<u> 11 </u>	Prod	
Casing Size(")	20.000	13.375	9.625	7.000	
Setting Depth (TVD)	Setting Depth (TVD)			5300	8300
Previous Shoe Setting Dep	th (TVD)	0	60	1500	5300
Max Mud Weight (ppg)		8.7	8.7	16.5	16.5
BOPE Proposed (psi)		0	500	5000	10000
Casing Internal Yield (psi)		1000	2730	7900	8160
Operators Max Anticipate	d Pressure (psi)	7800			18.1
Calculations	Conc	d String		20.000	"
Max BHP (psi)		.052*Settir	ng Depth*MW	27	
				,	BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Мах	k BHP-(0.12*)	Setting Depth)=	20	NO
MASP (Gas/Mud) (psi)	Max	BHP-(0.22*	Setting Depth)=	14	NO I
					*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP22*(Setting De	epth - Previou	s Shoe Depth)	14	NO
Required Casing/BOPE To	est Pressure=			60	psi
*Max Pressure Allowed @	Previous Casing Shoe=			0	psi *Assumes lpsi/ft frac gradient
Calculations	Surt	f String		13.375	"
Max BHP (psi)		.052*Settir	ng Depth*MW	679	
					BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=			499	YES air drill (possible)
MASP (Gas/Mud) (psi)	Мах	Max BHP-(0.22*Setting Depth)=			YES OK
					*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP22*(Setting De	epth - Previou	s Shoe Depth)=	362	NO OK
Required Casing/BOPE To	est Pressure=			1500	psi
*Max Pressure Allowed @	Previous Casing Shoe=			60	psi *Assumes 1psi/ft frac gradient
Calculations	11:	String		9.625	"
Max BHP (psi)		.052*Settir	ng Depth*MW	4547	
					BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max	x BHP-(0.12*)	Setting Depth)	3911	YES
MASP (Gas/Mud) (psi)	Max	k BHP-(0.22*)	Setting Depth)=	3381	YES OK
					*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	` -	epth - Previou	is Shoe Depth)	3711	NO Reasonable
Required Casing/BOPE To	est Pressure=			5300	psi
*Max Pressure Allowed @	Previous Casing Shoe=			1500	psi *Assumes 1psi/ft frac gradient
Calculations	Proc	l String		7.000	"
Max BHP (psi)		.052*Settir	ng Depth*MW	7121	
					BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max	BHP-(0.12*)	Setting Depth)	6125	YES
MASP (Gas/Mud) (psi)	Max	BHP-(0.22*)	Setting Depth)	5295	YES OK
					*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP22*(Setting De	epth - Previou	s Shoe Depth)	6461	NO Reasonable
D . LO . DORET					

RECEIVED: May. 25, 2011

psi

5712

*Max Pressure Allowed @ Previous Casing Shoe=

5300

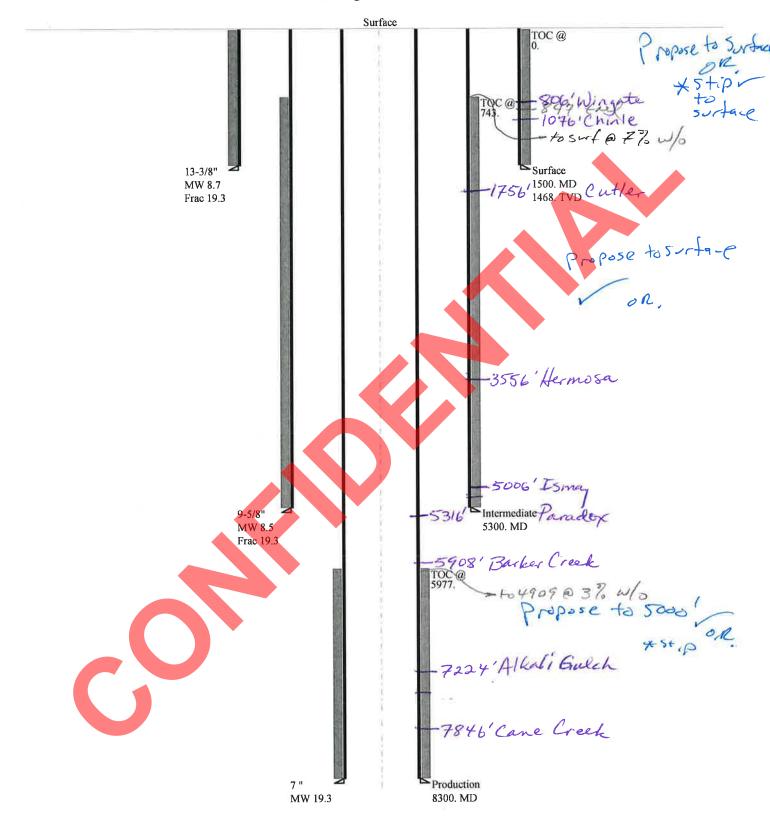
psi

*Assumes 1psi/ft frac gradient



43037500080000 Cisco State 36-13

Casing Schematic



Well name:

43037500080000 Cisco State 36-13

Operator:

PATARA OIL & GAS, LLC

String type:

Project ID:

Surface

43-037-50008

Location:

SAN JUAN COUNTY

Design parameters:

Minimum design factors:

Environment:

Collapse

8.700 ppg Mud weight: Design is based on evacuated pipe.

Collapse:

Design factor 1.125

H2S considered? No 74 °F Surface temperature: Bottom hole temperature: 95 °F

1.40 °F/100ft Temperature gradient:

Minimum section length:

100 ft

Burst:

Design factor

1.00

1.80 (J)

1.70 (J)

1.60 (J)

Cement top:

Surface

Burst

Max anticipated surface

No backup mud specified.

pressure: Internal gradient: Calculated BHP

1,320 psi

0.120 psi/ft

1,496 psi

Buttress:

Tension:

Premium:

8 Round STC:

8 Round LTC:

Body yield:

1.50 (J) 1.50 (B)

Tension is based on air weight. 1,299 ft Neutral point:

Directional well information:

Kick-off point 0 ft

Departure at shoe: 241 ft 2 °/100ft Maximum dogleg:

20° Inclination at shoe:

Re subsequent strings:

Next setting depth: 5,300 ft 8.500 ppg Next mud weight: Next setting BHP: 2,340 psi 19.250 ppg

Fracture mud wt: Fracture depth: Injection pressure:

1,500 ft 1,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	1500	13.375	54.50	K-55	ST&C	1468	1500	12.49	20591
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	663	1130	1.704	1496	2730	1.82	80	547	6.84 J

Prepared

Helen Sadik-Macdonald

Div of Oil, Gas & Mining by:

Phone: 801 538-5357 FAX: 801-359-3940

Date: May 19,2011 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1468 ft, a mud weight of 8.7 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

Well name:

43037500080000 Cisco State 36-13

Operator:

PATARA OIL & GAS, LLC

String type:

Intermediate

Project ID: 43-037-50008

Location:

SAN JUAN COUNTY

Environment:

Design parameters:

Collapse Mud weight:

Design is based on evacuated pipe.

8.500 ppg

Minimum design factors: Collapse:

Design factor

1.125

H2S considered?

Surface temperature: Bottom hole temperature: Temperature gradient:

74 °F 146 °F 1.40 °F/100ft

Minimum section length:

100 ft

Burst:

Tension:

Buttress:

Design factor

8 Round STC:

8 Round LTC:

1.00

1.80 (J)

1.70 (J)

1.60 (J)

1.50 (J)

1.50 (B)

Cement top:

743 ft

No

Burst

Max anticipated surface

pressure: Internal gradient: Calculated BHP

4,134 psi 0.220 psi/ft

5,263 psi

No backup mud specified.

Premium: Body yield:

Tension is based on air weight. Neutral point: 4,651 ft Directional well information:

Kick-off point 0 ft Departure at shoe: 1067 ft

Maximum dogleg: 2 °/100ft 0° Inclination at shoe:

Re subsequent strings:

Next setting depth: 8,132 ft Next mud weight: 19.250 ppg Next setting BHP: 8,132 psi Fracture mud wt: 19.250 ppg Fracture depth: 5,300 ft Injection pressure: 5,300 psi

End Est. Segment Nominal True Vert Measured Drift Run Weight Depth Depth Diameter Cost Length Size **Grade** Finish Seq (lbs/ft) (ft) (ft) (in) (\$) (ft) (in) 5132 5300 209876 1 5300 9.625 40.00 HCP-110 LT&C 8.679 Collapse **Burst Tension Tension Tension** Run Collapse Collapse Burst Burst Design Strength Load Strength Design Load Strength Design Load Seq (psi) (psi) **Factor** (psi) **Factor** (kips) (kips) **Factor** (psi) 2266 4230 5263 7900 1.50 205.3 988 4.81 J 1 1.867

Prepared

Helen Sadik-Macdonald Div of Oil, Gas & Mining

Phone: 801 538-5357 FAX: 801-359-3940

Date: May 19,2011 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 5132 ft, a mud weight of 8.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

Well name:

43037500080000 Cisco State 36-13

Operator:

PATARA OIL & GAS, LLC

String type:

Production

Project ID: 43-037-50008

Location:

SAN JUAN COUNTY

> Minimum design factors: **Environment:**

Collapse

Mud weight:

Design parameters:

(19.250 ppg

Collapse: Design factor

1.125

H2S considered? Surface temperature:

No 74 °F 190 °F

Design is based on evacuated pipe.

Evaluated Q 1 pri) ft press. gratient for potential nigher Burst:

Bottom hole temperature: 1.40 °F/100ft Temperature gradient:

Minimum section length 100 ft

Design factor

1.00

strength for Salt increwed Collapse Cement top: 5,977 ft

Burst

Max anticipated surface

No backup mud specified.

Load

(psi)

8300

Seq

1

pressure: Internal gradient: Calculated BHP

6,474 psi 0.220 psi/ft

8,300 psi

Tension:

8 Round LTC:

Premium:

Body yield:

1.50 (J) 1.60 (B)

1.80 (J)

1.80 (J)

1.60 (J)

Tension is based on air weight. 5,882 ft

End

Finish

LT&C

Burst

Strength

(psi)

8160

8 Round STC:

Buttress:

Neutral point:

Non-directional string.

Nominal Run Segment Weight Seq Length Size (ft) (in) (lbs/ft) 1 8300 29.00 Run Collapse

9200

Collapse Collapse Strength Design (psi) **Factor**

1.108

Grade HCN-80

Burst

Load

(psi)

8300

Depth (ft) 8300

True Vert

Burst

Desian

Factor

0.98

Depth (ft) 8300

Tension

Load

(kips)

240.7

Measured

Diameter (in) 6.059

Drift

Tension

Strenath

(kips)

655

99314 Tension Design **Factor**

2.72 J

Est.

Cost

(\$)

Prepared by: Helen Sadik-Macdonald

Div of Oil, Gas & Mining

Phone: 801 538-5357 FAX: 801-359-3940

Date: May 19,2011 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 8300 ft, a mud weight of 19.25 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator PATARA OIL & GAS, LLC

Well Name Cisco State 36-13

API Number 43037500080000 APD No 3597 Field/Unit WILDCAT

Location: 1/4,1/4 NWNE **Sec** 36 **Tw** 31.0S **Rng** 24.0E 1158 FNL 1543 FEL

GPS Coord (UTM) Surface Owner

Participants

Bart Kettle-DOGM, Nicole Nielson-UDWR, Ed Bonner-SITLA, Dee Foote-Patera Oil and Gas LLC, Danny White-Patera Oil and Gas LLC, Keith Dana-Banko Petroleum Management, Chris Crowley-Crowely Construction, Ron Rennke-D R Griffin & Associates, Inc.

Regional/Local Setting & Topography

Proposed project site is located ~14 miles north of Monticello, in San Juan County Utah. On a regional setting the proposed project is located in the Canyonlands Region of the Colorado Plateau. The Canyonlands Region is renowned for its red rock canyons and spectacular views. Tourism is a growing industry in the region. In close proximity to the proposed project site, Aches National Park and Canyonlands National Park are popular destinations along with the community of Moab Utah. On a local scale the proposed project site is located in East Canyon. Local points of interest include Church Rock, Wilson Arch, Looking Glass Rock, Wind Whistle Rock, Needles Overlook and Anticline Overlook. Topography surrounding East Canyon is typical of the Canyonlands Region: a series of large mesa's abruptly falling off into steep canyons comprised of alternating layers of sandstone and shale. Climatic conditions within the region are arid, and vegetation is typically sparse. The proposed project site is located in the canyon bottom in a 12-14" precept zone. Soils are dominated by Eolian deposits and are predominantly unstable sands and sandy loams. Vegetation would be described as mixed Pinion/Juniper woodlands and Wyoming Sage/Blue grama grasslands. Water drainage is to the north, entering East Canyon Wash within 1/4 mile and the Colorado River within 55 miles. No perennial water sources were observed in close proximity to the project site.

Surface Use Plan

Current Surface Use

Grazing Wildlfe Habitat Deer Winter Range

New Road Miles Well Pad Src Const Material Surface Formation

0 Width 285 Length 370 ENRD

Ancillary Facilities

Slip mounted trailer camp on location anticipated. Assosiated equipment on the southeast portion of the well pad.

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

5/25/2011 Page 1

Flora:

Grass: Cheat grass, Sandburg's blue grass.

Forbs: Death camas, bur butter cup, scarlet globe mallow, red stem filaree, Russian thistle.

Trees/Shrubs: Black grease wood, basin big sage.

Succulents: prickly cactus spp.

Fauna: Large mammals including rocky mountain elk, mule deer, black bear, mountain lion, bobcat, coyote, red fox, gray fox and spotted skunk are all possible. Seasonal use by migrating upland bird species is likely including sage thrasher, sage sparrow, blue gray gnat catcher, western meadow lark, northern shrike, ruffous sparrow, chipping sparrow, mountain blue bird, western blue bird, scrub jay, pinion jay and horned lark. Surrounding sandstone formations are potential nesting habitat for raptors including golden eagle, red tail hawk, and ferruginous hawk. Surrounding Wyoming sage/blue grama communities support a host of small rodents and reptiles. Open grasslands surrounding East Canyon historically supported nesting populations of long bill curlew, it is uncertain if grasslands east of US 191 still contain a nesting population.

Soil Type and Characteristics

Mido loamy fine sand-very deep, well drained soil on sand drifts and sand shadows.

Erosion Issues Y

Soils highly prone to wind erosion

Sedimentation Issues N

Soils slightly prone to water erosion

Site Stability Issues N

Drainage Diverson Required? N

Berm Required? N

Erosion Sedimentation Control Required? Y

Complete interim reclamation within one year following drilling.

Paleo Survey Run? Paleo Potental Observed? Cultural Survey Run? Y Cultural Resources? Y

Reserve Pit

Site-Specific Factors	Site Ra	anking	
Distance to Groundwater (feet)	25 to 75	15	
Di <mark>stance to S</mark> urface Water (feet)	>1000	0	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)	>1320	0	
Native Soil Type	High permeability	20	
Fluid Type	Oil Base Mud Fluid	15	
Drill Cuttings	Salt or Detrimental	10	
Annual Precipitation (inches)	10 to 20	5	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
	Final Score	65	1 Sensitivity Level

5/25/2011 Page 2

Characteristics / Requirements

Proposed drilling system includes the use of a oil based mud dilling system to stabilize hole through Paradox salt zones. As such a 80' x 25' x 12' reserve pit is being proposed along with a 20' x 20' x 10' cuttings pit. Proposed drilling program includes 5,300' of 12 1/4" hole to be drilled with air mist and aerated water, for this portion of the drilling program the reserve pit will be used to store fluids and drill cuttings. From 5,300' to TD an oil based mud system will be implemented, cuttings from this portion of the drilling program will be captured in the cuttings pit and fluids will be managed in steel mud tanks. Duration to complete drilling program is anticipated to exceed 40 days. Reserve pits at sites with comparable drilling programs have had TDS in excess of 50,000 mg/l.

Surface formations are members of the Glen Canyon group and are capable of containing fresh water aquifers. Permeability of soils and underlying sandstones is high. Pit liner of 30 mils with bedding of sand or felt will be required to protect potential fresh water aquifers.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 30 Pit Underlayment Required? N

Other Observations / Comments

DWR classifies proposed project site as elk and mule deer winter range. Recommendations for no activity December 1st-April 15 th. Raptor inventories are recommended for 1/2 mile surrounding proposed project site.

DOGM noted significant concerns regarding reserve/cuttings pit lining, management and reclamation. Pit contents in excess of 50,000 mg/l are anticipated, as such additional stipulations and precautions will be required. Top 6-12" of top soils should be saved and stockpile on the west and south sides of the well pad. All disturbed soils shall be seeded the first winter following disturbance.



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Application for Permit to Drill Statement of Basis

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
3597	43037500080000	LOCKED	GW	S	No

Operator PATARA OIL & GAS, LLC Surface Owner-APD

Well Name Cisco State 36-13 Unit

Field WILDCAT Type of Work DRILL

Location NWNE 36 31S 24E S 1158 FNL 1543 FEL GPS Coord (UTM) 655122E 4212759N

Geologic Statement of Basis

5/25/2011

Patara proposes to set 1,500 feet of surface casing at this location. This location is situated on moderately permeable alluvium derived from the formations of the Glen Canyon Group which also make up the near subsurface. A search of the Division of Water Rights database indicates that there are no water wells within a 10,000 foot radius of the center of Section 36. Surface pipe will likely be set into the Moenkopi Formation. Fresh water is likely to be found in the Mesozoic formations which will be covered by the surface casing as well as in permeable beds of the Cutler Group which will not be protected by surface casing. Production casing cement should be brought up to or above the estimated base of the moderately saline ground water in order to isolate it from fresher waters uphole.

Brad Hill **APD Evaluator**

5/16/2011 **Date / Time**

Surface Statement of Basis

On-site evaluation completed May 10, 2011. In attendance: Bart Kettle-Division of Oil, Gas and Mining (DOGM), Nicole Nielson-Division of Wildlife Resources (DWR), Ed Bonner-Trust Lands Administration (SITLA), Dee Foote-Patera Oil and Gas LLC, Danny White-Patera Oil and Gas LLC, Keith Dana-Banko Petroleum Management, Chris Crowley-Crowely Construction, Ron Rennke-D R Griffin & Associates, Inc.. Invited and choosing not to attend: Greg Adams San Juan County.

Proposed project is located in an environmentally sensitive location. Several large environmental organizations maintain operations less then 45 minutes from project site in Moab Utah. National Parks, slick rock trails, river rafting and scenic views attract thousands of tourist to the region annually. Due to recent awareness of mineral exploration in the area it is reasonable to expect scrutiny of drilling operations for proposed project. Drilling operations and ROW activity should be monitored closely for compliance and resource issues. Problems should be addressed immediately.

DWR recommending season closure for mule deer winter range December 1st to April 15 th.

DOGM requiring additional precautions for reserve pit and cuttings pits proposed to contain oil based drilling medium and salt cuttings. Slopes of pit walls should not exceed 2:1. Pits shall be lined as determined by site evaluation ranking. The geomembrane shall consist for 30 mil string reinforced LDPE or equivalent liner. The geomembrane liner should be composed of an impervious synthetic material resistant to hydrocarbons, salts and alkaline solutions. In the event blasting is required for pits, fractured rock should be properly bedded with sand and a felt liner. Liner edges should be secured. Liner should be protected from fluid force or mechanical damage at points of discharge or suction.

Precautions should be taken to prevent punctures from drilling related activities. Weekly inspection of liner should be conducted. Surface water run off should not be allowed to enter pits.

While drilling three sides of pits should be fenced. Fencing should include reinforced corner braces, 42" woven

5/25/2011

Application for Permit to Drill Statement of Basis

Utah Division of Oil, Gas and Mining

Page 2

net wire on the bottom and two strands of barbed wire on top spaced at 6" apart. Following completion of drilling activities pits will require fencing on the fourth side, removal of free standing oil and netting to prevent entry by water fowl.

Pits will require reclamation to be completed one year following the removal of drilling rig. Reclamation measures shall be submitted to DOGM for approval following analysis of pit contents.

Bart Kettle 5/10/2011
Onsite Evaluator Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A geomembrane liner with a minimum thickness of 30 mils shall be properly installed and maintained in the reserve pit. The geomembrane liner shall consist of a string reinforced impervious synthetic material, resistant to hydrocarbons, salts and alkaline solutions.
Pits	Fractured rock shall be properly bedded with sand and a felt liner.
Pits	Liner edges must be secured.
Pits	The liner shall be protected from fluid force or mechanical damage at points of discharge or suction.
Pits	Weekly inspections of pits and liners shall be conducted and documented until reclaimed.
Pits	The Division shall be consulted prior to reclamation of reserve pit and cuttings pit.
Pits	All free standing oil shall be removed from pits.
Surface	The reserve pit shall be fenced and netted upon completion of drilling operations.

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 4/7/2011

WELL NAME: Cisco State 36-13

OPERATOR: PATARA OIL & GAS, LLC (N3670)

CONTACT: Kimberly J. Rodell

PROPOSED LOCATION: NWNE 36 310S 240E

SURFACE: 1158 FNL 1543 FEL

BOTTOM: 1158 FNL 1543 FEL

COUNTY: SAN JUAN

LATITUDE: 38.05115

UTM SURF EASTINGS: 655122.00 FIELD NAME: WILDCAT

LEASE TYPE: 3 - State

LEASE NUMBER: ML 48737

SURFACE OWNER: 3 - State

API NO. ASSIGNED: 43037500080000

PHONE NUMBER: 303 820-4480

Permit Tech Review:

Engineering Review:

Geology Review:

LONGITUDE: -109.23207

NORTHINGS: 4212759.00

PROPOSED PRODUCING FORMATION(S): CANE CREEK

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

PLAT

Bond: STATE/FEE - B006102

Potash

Oil Shale 190-5

Oil Shale 190-3

Oil Shale 190-13

Water Permit: 05-6

RDCC Review: 2011-05-23 **0**0:00:00.0

Fee Surface Agreement

Intent to Commingle

Commingling Approved

LOCATION AND SITING:

R649-2-3.

Unit:

R649-3-2. General

R649-3-3. Exception

Drilling Unit

Board Cause No: R649-3-3

Effective Date:

Siting:

R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 1 - Exception Location - bhill

1 - EXCEPTION LOCATION - DHIII
5 - Statement of Basis - bhill
8 - Cement to Surface -- 2 strings - ddoucet
12 - Cement Volume (3) - ddoucet
21 - RDCC - dmason
23 - Spacing - dmason

API Well No: 43037500080000



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Cisco State 36-13 API Well Number: 43037500080000

Lease Number: ML 48737 **Surface Owner:** STATE **Approval Date:** 5/25/2011

Issued to:

PATARA OIL & GAS, LLC, 600 17th Street Ste 1900S, Denver, CO 80202

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-3. The expected producing formation or pool is the CANE CREEK Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

Exception Location:

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

The Application for Permit to Drill has been forwarded to the Resource Development Coordinating Committee for review of this action. The operator will be required to comply with any applicable recommendations resulting from this review. (See attached)

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

API Well No: 43037500080000

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Cement volumes for the 13 3/8" and 9 5/8" casing strings shall be determined from actual hole diameters in order to place cement from the pipe setting depths back to the surface as indicated in the submitted drilling plan.

Cement volume for the 7" production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 5000' MD as indicated in the submitted drilling plan.

Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan contact Dustin Doucet
- Significant plug back of the well contact Dustin Doucet
- Plug and abandonment of the well contact Dustin Doucet

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well contact Carol Daniels OR
- submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at http://oilgas.ogm.utah.gov
- 24 hours prior to testing blowout prevention equipment contact Dan Jarvis
- 24 hours prior to cementing or testing casing contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well contact Dan Jarvis

Contact Information:

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 office
- Dustin Doucet 801-538-5281 office

801-733-0983 - after office hours

• Dan Jarvis 801-538-5338 - office

801-231-8956 - after office hours

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

API Well No: 43037500080000

Арргочеи бу:

For John Rogers Associate Director, Oil & Gas

	STATE OF UTAH				FORM 9		
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MII			5.LEASE DESIGNATION AND SERIAL NUMBER: ML 48737			
SUND	RY NOTICES AND REPORTS	ON V	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
	sals to drill new wells, significantly deepen igged wells, or to drill horizontal laterals. l		7.UNIT	or CA AGREEMENT NAME:			
1. TYPE OF WELL Gas Well					8. WELL NAME and NUMBER: Cisco State 36-13		
2. NAME OF OPERATOR: PATARA OIL & GAS, LLC				NUMBER: 2500080000			
3. ADDRESS OF OPERATOR: 600 17th Street Ste 1900S , [ONE NUM 325-0685		9. FIEL	D and POOL or WILDCAT: CAT		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1158 FNL 1543 FEL				COUNT SAN J			
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWNE Section: 36	IP, RANGE, MERIDIAN: Township: 31.0S Range: 24.0E Meridian:	S		STATE: UTAH			
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NAT	URE OF NOTICE, REPORT	, OR OT	HER DATA		
TYPE OF SUBMISSION			TYPE OF ACTION				
_	☐ ACIDIZE	☐ ALT	ER CASING		CASING REPAIR		
Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	□ сна	ANGE TUBING		CHANGE WELL NAME		
5/26/2011	☐ CHANGE WELL STATUS	□ сом	MMINGLE PRODUCING FORMATIONS		CONVERT WELL TYPE		
SUBSEQUENT REPORT	☐ DEEPEN	FRA	ACTURE TREAT		NEW CONSTRUCTION		
Date of Work Completion:	OPERATOR CHANGE	☐ PLU	IG AND ABANDON		PLUG BACK		
	☐ PRODUCTION START OR RESUME	REC	CLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION		
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	SID	ETRACK TO REPAIR WELL		TEMPORARY ABANDON		
	☐ TUBING REPAIR	U VEN	IT OR FLARE		WATER DISPOSAL		
☐ DRILLING REPORT	☐ WATER SHUTOFF	☐ si t	TA STATUS EXTENSION		APD EXTENSION		
Report Date:	☐ WILDCAT WELL DETERMINATION	✓ отн	IER	отн	ER: Wellpad Layout Change		
Please see letter and	12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Please see letter and revised plats in the attached file. Please contact either Danielle Gavito or David Banko at 303-820-4480 or at danielle@banko1.com or david@banko1.com respectively. Approved by the Utah Division of Oil, Gas and Mining 06/06/2011						
				Date:_ By:	Sand Jami		
				ъу			
NAME (PLEASE PRINT) Kimberly J. Rodell	PHONE NUMBER 303 820-4480		ITLE Permit Agent				
SIGNATURE	333 320 1100	D	ATE				
l N/A		5	5/25/2011				



VIA: ELECTRONIC REPORTING

Ms. Diana Mason Utah Division of Oil, Gas, & Mining 1594 West North Temple, Suite 1210 Salt Lake City, UT 84114

May 25, 2011

RE:

UDOGM - Sundry Notice - Form 9 Change in Wellpad Layout

Patara Oil & Gas, LLC Cisco State 36-13 API 43-037-50008

1,158' FNL 1,543' FEL (NW/4 NE/4)

Sec. 36 T31S R24E San Juan County, Utah

Surface: State

State Mineral Lease: ML48737

Dear Ms. Mason:

Attached please find one (1) original of the Sundry Notice (SN) Form 9, and a set of revised plats with the requested revised wellpad layout

The requested changes include the removal of the blooie pit, reduction in overall size of the reserve pit, addition of a 20' x 20' x 10' cuttings pit, and the addition of a flare stack: The overall final size of the pad has not been changed.

The Application for Permit to Drill (APD), submitted on April 7, 2011, was approved by UDOGM on May 25, 2011.

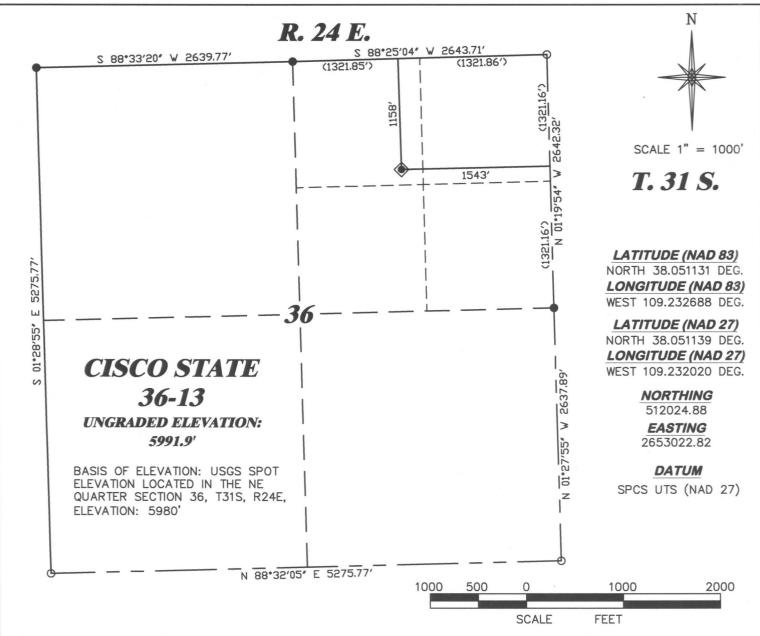
Please let me know if you have any comments or concerns. Thank you for your assistance.

Very truly yours,

Danielle M. Gavito

Engineering Technician/Permit Agent

DMG/kjr



SURVEYOR'S STATEMENT

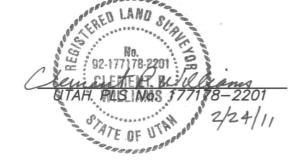
I, CLEMENT R. WILLIAMS, OF ROCK SPRINGS, WYOMING, HEREBY STATE: THIS MAP WAS MADE FROM NOTES TAKEN DURING AN ACTUAL FIELD SURVEY DONE UNDER MY DIRECT SUPERVISION ON FEBRUARY 18, 2011 AND THAT THIS PLAT CORRECTLY SHOWS THE LOCATION OF CISCO STATE 36-13 AS STAKED ON THE GROUND.

LEGEND

- WELL LOCATION
- ☐ BOTTOM HOLE LOC. (APPROX)
- FOUND MONUMENT
- PREVIOUSLY FOUND MONUMENT
- O CALCULATED CORNER

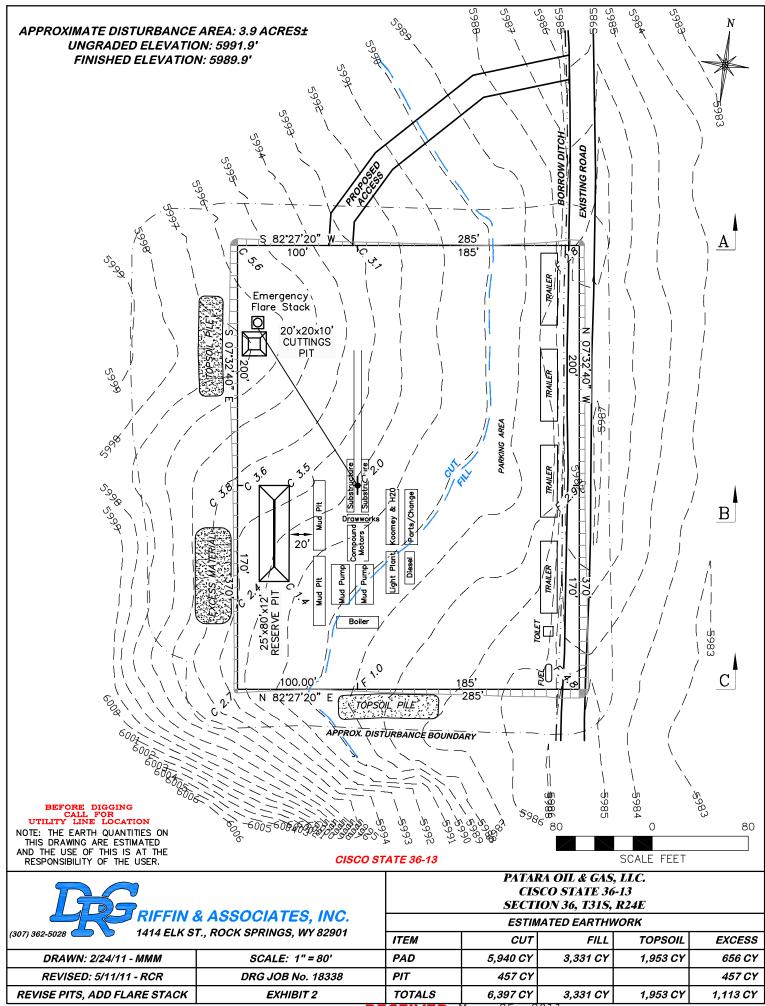


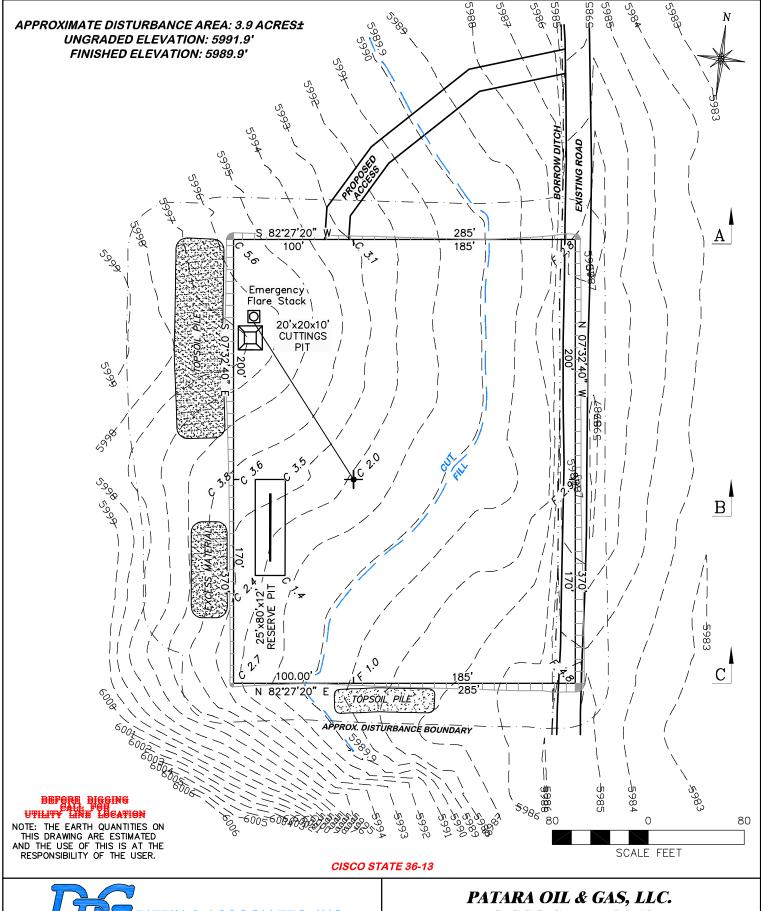
DRAWN: 2/24/11 - MMM SCALE: 1" = 1000" REVISED: NA **DRG JOB No. 18338 EXHIBIT 1**



PLAT OF DRILLING LOCATION **FOR** PATARA OIL & GAS, LLC.

1158' F/NL & 1543' F/EL, NWNE, SECTION 36, T. 31 S., R. 24 E., S.L.B.M. SAN JUAN COUNTY, UTAH





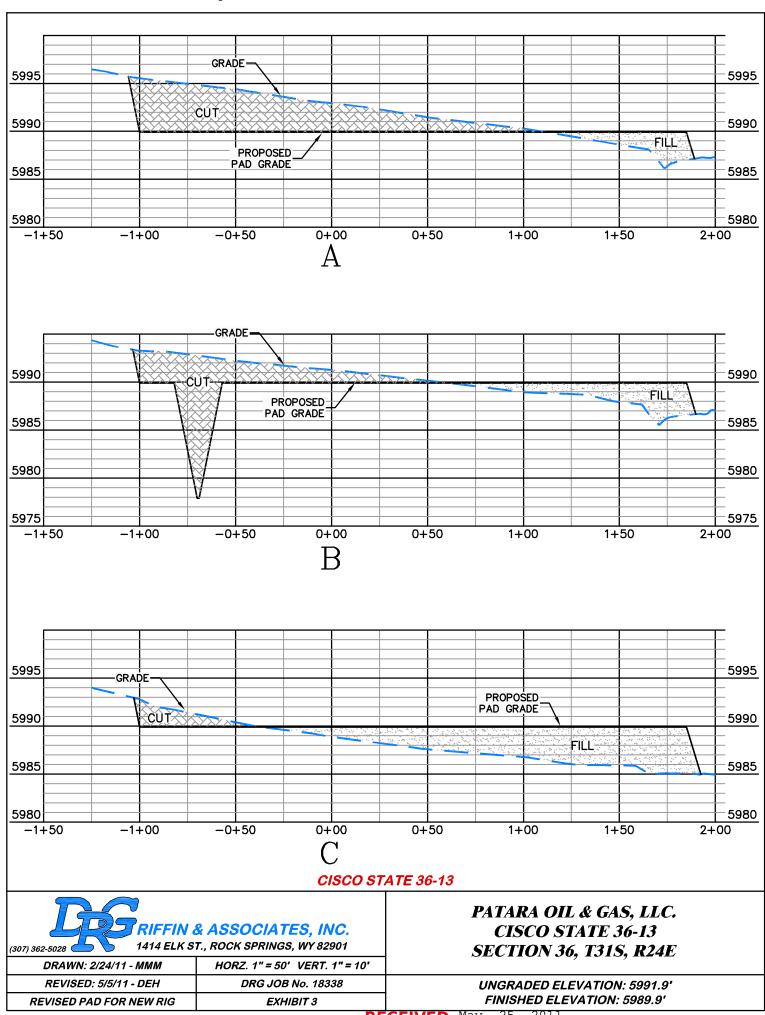
)
140)5	RIFFIN & ASSOCIATES, INC.
(307) 362-5028	1414 ELK ST., ROCK SPRINGS, WY 82901

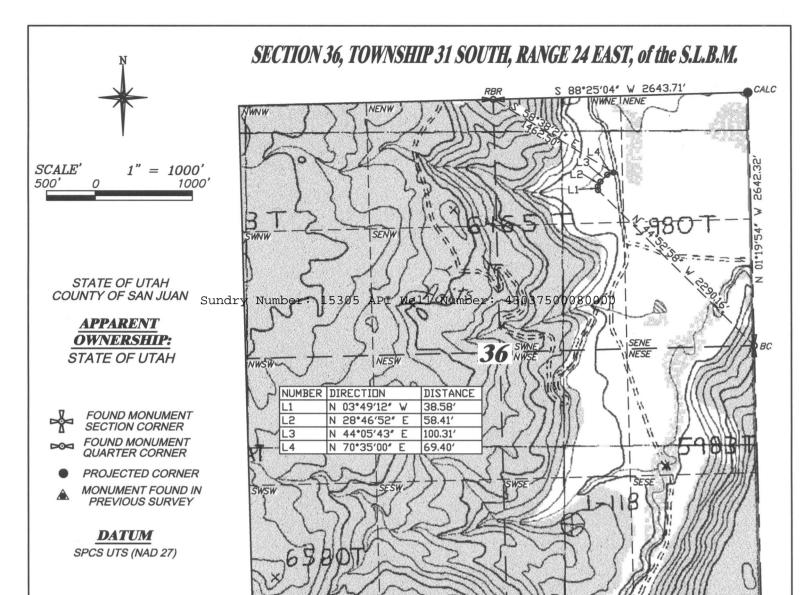
DRAWN: 2/24/11 - MMM SCALE: 1" = 80'

REVISED: 5/11/11 - DEH DRG JOB No. 18338
REVISE PITS, ADD FLARE STACK EXHIBIT 2A

PATARA OIL & GAS, LLC. CISCO STATE 36-13 SECTION 36, T31S, R24E

UNGRADED ELEVATION: 5991.9' FINISHED ELEVATION: 5989.9'





SURVEY DESCRIPTION:

A STRIP OF LAND, 50.00 IN WIDTH FOR A PROPOSED ROAD RIGHT-OF-WAY, ALL SITUATED IN THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 36, TOWNSHIP 31 SOUTH, RANGE 24 EAST, SALT LAKE BASE MERIDIAN, SAN JUAN COUNTY, UTAH, THE BOUNDARIES THEREOF BEING 25.00 FEET ON EITHER SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

COMMENCING AT THE QUARTER SECTION CORNER COMMON TO SECTION 36, TOWNSHIP 31 SOUTH, RANGE 24 EAST, SALT LAKE BASE MERIDIAN, SAN JUAN COUNTY, UTAH, AND SECTION 31, TOWNSHIP 31 SOUTH, RANGE 25 EAST, SALT LAKE BASE MERIDIAN, SAN JUAN COUNTY, UTAH, BEING A BRASS CAP AND IRON PIPE MONUMENT, THENCE NORTH 44°52'58" WEST, 2290.16 FEET TO THE TRUE POINT OF BEGINNING;

THENCE NORTH 03°49'12" WEST, 38.58 FEET;

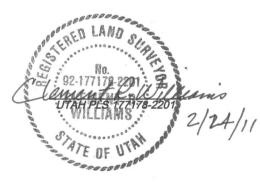
THENCE NORTH 28°46'52" EAST, 58.41 FEET;

THENCE NORTH 44°05'43" EAST, 100.31 FEET;

THENCE NORTH 70°35'00" EAST, 69.40 FEET TO THE **POINT OF TERMINUS**, SOUTH 58°38'21" EAST, 1462.50 FEET, FROM THE QUARTER SECTION CORNER COMMON TO SECTIONS 25 AND 36, TOWNSHIP 31 SOUTH, RANGE 24 EAST, SALT LAKE BASE MERIDIAN, SAN JUAN COUNTY, UTAH, BEING AN IRON BAR MONUMENT.

STATEMENT OF SURVEYOR:

CLEMENT R. WILLIAMS STATES HE IS BY OCCUPATION A PROFESSIONAL LAND SURVEYOR EMPLOYED BY <u>PATARA OIL & GAS, LLC.</u> TO MAKE A SURVEY OF THE CENTERLINE OF A PROPOSED ROAD RIGHT-OF-WAY AS DESCRIBED AND SHOWN HEREON; THAT THE SURVEY OF SAID WORK WAS MADE UNDER HIS SUPERVISION AND AUTHORITY, COMMENCING ON THE <u>18th DAY OF FEBRUARY, 2011</u>: AND THAT SUCH SURVEY IS ACCURATELY REPRESENTED UPON THIS PLAT.



Total R-0-W Width <u>50</u> Feet, <u>30</u> Left, <u>30</u> Right of Centerline. <u>266.70</u> Feet, <u>16.16</u> Rods, <u>0.306</u> Acres.

RECEIVED

RIFFIN & ASSOCIATES, INC.	1414 ELK ST., ROCK SPRINGS, WY 82901
DRAWN: 2/24/11 - MMM	SCALE: 1" = 1000'
REVISED: NA	DRG JOB No. 18338
EXHIBIT A	

A MAP SHOWING A
PROPOSED ROAD RIGHT-OF-WAY
PREPARED FOR:
PATARA OIL & GAS, LLC.

	STATE OF UTAH		FORM 9		
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: ML 48737		
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	sals to drill new wells, significantly deepen ugged wells, or to drill horizontal laterals. U		7.UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: Cisco State 36-13		
2. NAME OF OPERATOR: PATARA OIL & GAS, LLC			9. API NUMBER: 43037500080000		
3. ADDRESS OF OPERATOR: 600 17th Street Ste 1900S , [NE NUMBER: 25-0685 Ext	9. FIELD and POOL or WILDCAT: WILDCAT		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1158 FNL 1543 FEL			COUNTY: SAN JUAN		
QTR/QTR, SECTION, TOWNSHI	IP, RANGE, MERIDIAN: 5 Township: 31.0S Range: 24.0E Meridian:	S	STATE: UTAH		
11. CHE	CK APPROPRIATE BOXES TO INDICAT	TE NATURE OF NOTICE, REPORT,	OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
The Cisco State 36-1 with Frontier Rig 7. notified Carol Daniels the intent to spud t correspondence to Parkway, Suite 420	□ CHANGE TO PREVIOUS PLANS □ CHANGE WELL STATUS □ DEEPEN □ OPERATOR CHANGE □ PRODUCTION START OR RESUME □ REPERFORATE CURRENT FORMATION □ TUBING REPAIR □ WATER SHUTOFF □ WILDCAT WELL DETERMINATION PATATA Oil & Gas LLC. rig supers and Bart Kettle with the State the well later in the afternoon. either Danielle Gavito or David O, Englewood, CO 80112 or to rid@banko1.com respectively.	June 7, 2011 at 2030 hour ervisor, Wendell Greenlee, e of Utah earlier that day Please send copies of all d Banko at 385 Inverne danielle@banko1.c	s Accepted by the Jtah Division of I. Gas and Mining		
NAME (PLEASE PRINT) Kimberly J. Rodell	PHONE NUMBER	TITLE Permit Agent			
SIGNATURE	303 820-4480	DATE 6/13/2011			
N/A		U/I3/ZUII			

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Con	npany:	PATARA OII	L & GAS, I	LLC		
Well Name:	:	CISCO STAT	ГЕ 36-13			
Api No:	43-037-500	008	Lease Type	e <u>STA</u>	TE	
Section 36	Township_	31S Rang	ge_24E	_County_	SAN J	UAN
Drilling Con	tractor	FRONTIER			RIG#	7
SPUDDE	D:					
	Date	06/08/2011	.			
·	Time	AM				
	How	i				
Drilling wi	II Commen	ce:				,
Reported by_		WENDE	ELL GREE	NLEE		
Telephone #_		(970) 36	61-3218			-
Date	06/08/2011	Signed	CHD			

	STATE OF UTAH		FORM 9		
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINI	NG	5.LEASE DESIGNATION AND SERIAL NUMBER: ML 48737		
SUNDI	RY NOTICES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	osals to drill new wells, significantly deepen ex ugged wells, or to drill horizontal laterals. Use 5.		7.UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: Cisco State 36-13		
2. NAME OF OPERATOR: PATARA OIL & GAS, LLC			9. API NUMBER: 43037500080000		
3. ADDRESS OF OPERATOR: 600 17th Street Ste 1900S ,		NUMBER: -0685 Ext	9. FIELD and POOL or WILDCAT: WILDCAT		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1158 FNL 1543 FEL			COUNTY: SAN JUAN		
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NWNE Section: 36	IIP, RANGE, MERIDIAN: 6 Township: 31.0S Range: 24.0E Meridian: S		STATE: UTAH		
11. CHE	ECK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
	ACIDIZE	ALTER CASING	☐ CASING REPAIR		
Approximate date work will start:	✓ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME		
6/4/2011	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE		
SUBSEQUENT REPORT	D DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION		
Date of Work Completion:	☐ OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK		
	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION		
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON		
	☐ TUBING REPAIR	VENT OR FLARE	☐ WATER DISPOSAL		
DRILLING REPORT Report Date:	□ WATER SHUTOFF □	SI TA STATUS EXTENSION	☐ APD EXTENSION		
Report Date:	☐ WILDCAT WELL DETERMINATION ☐	OTHER	OTHER:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The attached document outlines changes to the previously approved APD Drilling Program. Changes are requested to the casing and cement program. Please send copies of all correspondence to either Danielle Gavito or David Banko at 385 Inverness Parkway, Suite 420, Englewood, CO 80112 or to danielle@banko1.com or david@banko1.com respectively. Thank you. Date: 06/21/20-1 By:					
NAME (PLEASE PRINT) Kimberly J. Rodell	PHONE NUMBER 303 820-4480	TITLE Permit Agent			
SIGNATURE	303 020 1100	DATE			
N/A		6/14/2011			



The Utah Division of Oil, Gas, and Mining

- State of UtahDepartment of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43037500080000 2nd stage cement job and/or pulling casing should be done as soon as possible.

Conductor & Intermediate Casing Changes:

20" 0-60' 63# ¼" WT 9.625" 0-5300' 47# HCN-80, LT&C

Production Casing Change:

7" 0-8300' 32# P-110

Intermediate Casing

Intermediate casing will be set +/-200' into the Paradox Salt in the first clastic interval to insure wellbore integrity at the shoe during drilling of the production interval with higher weighted oil based mud.

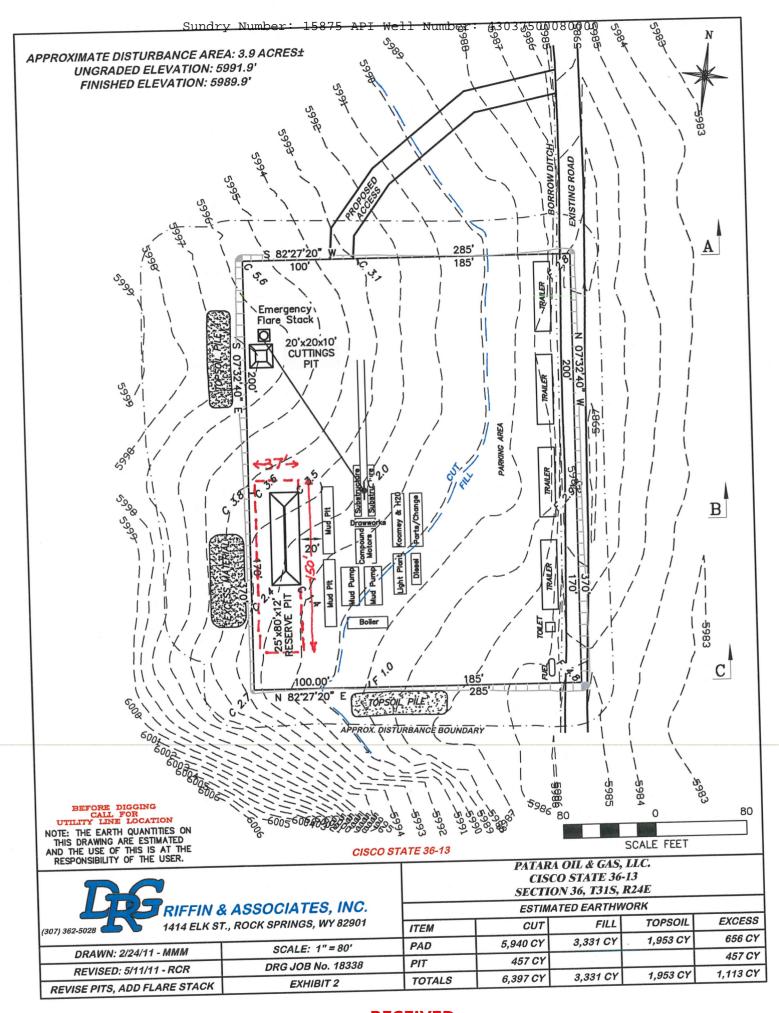
Production Casing, Cement, and Completion Plan

Pay sections will be cased off with 7" casing. A contingent DV tool will be placed in the 7" string 100' above the intermediate surface casing shoe. Top of cement will be circulated 300' above the top of the Cane Creek to 7,550'.

Once the rig is released, the Cane Creek interval will be tested and a decision will be made on economic viability of the Cane Creek within 45 days. If the Cane Creek does not produce in economic quantities, the 7" casing will be cut and pulled above TOC, and the well will be temporarily abandoned, covering all potential producing horizons and placing cement above the 9-5/8" intermediate casing shoe.

If the Cane Creek produces in economic quantities, 7" casing will be perforated above TOC, and cement will be circulated 100' above intermediate casing shoe. The DV tool will then be opened to circulate out any excess cement above the tool to insure top of cement is at the DV tool. This will provide an adequate interval to pull the 7" casing and sidetrack within the 9-5/8" intermediate casing and still stay below the top of the Paradox Salt. This will insure wellbore integrity with a heavier oil based mud system that would be utilized to drill the curve in the event of drilling a horizontal well in the future.

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, remiter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PCRMIT TO RUNNING SET 11, 1797 OF WELL SOUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, remiter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PCRMIT TO RUNNING SET 12, 1797 OF WELL Gass Vell S. WELL RAME and NUMBER: Class Vell S. WELL RAME and NUMBER: Class State 35-13 1. ADDRESS OF OPERATOR: PATARA OLI 8. 645, LC 1. ADDRESS OF OPERATOR: PATARA OLI 8. 645, LC 1. ADDRESS OF OPERATOR: PATARA OLI 8. 645, LC 1. ADDRESS OF OPERATOR: PATARA OLI 8. 645, LC 1. ADDRESS OF OPERATOR: PATARA OLI 8. 645, LC 1. ADDRESS OF OPERATOR: COUNTY; SAND JAN				FORM 9		
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Country: PATARA OL & GAS, LLC 3. ADDRESS OF OPERATOR: PATARA OL & GAS, LLC 3. ADDRESS OF OPERATOR: PATARA OL & GAS, LLC 3. ADDRESS OF OPERATOR: PATARA OL & GAS, LLC 3. ADDRESS OF OPERATOR: PATARA OL & GAS, LLC 3. ADDRESS OF OPERATOR: PATARA OL & GAS, LLC 3. ADDRESS OF OPERATOR: PATARA OL & GAS, LLC 3. ADDRESS OF OPERATOR: PATARA OL & GAS, LLC 3. ADDRESS OF OPERATOR: PATARA OL & GAS, LLC 3. ADDRESS OF OPERATOR: PATARA OL & GAS, LLC 3. ADDRESS OF OPERATOR: PATARA OL & GAS, LLC 3. ADDRESS OF OPERATOR: PATARA OL & GAS, LLC 3. ADDRESS OF OPERATOR: PATARA OL & GAS, LLC 3. ADDRESS OF OPERATOR: PATARA OL & GAS, LLC 3. ADDRESS OF OPERATOR: PATARA OL & GAS, LLC 3. ADDRESS OF OPERATOR: PATARA OL & GAS, LLC 3. ADDRESS OF OPERATOR: SAN JUAN 3. ALTE: UTAH 3	bottom-hole depth, reenter plu	ugged wells, or to drill horizontal laterals.		7.UNIT or CA AGREEMENT NAME:		
PATRAR OIL & CAS, LC A3037500000000 3. ADDRES OF OPERATOR: 05 PRIVER, CO, 80202 PHONE NUMBER: 017th Street Size 19005, Deriver, CO, 80202 303 825-0685 Ext VILLOAT COUNTY: SAN JUAN ACTORY OF WELL TOTAL OF WELL OTRY OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: QUI/QIT: NWINE Section: 36 Township: 31.05 Range: 24.06 Meridian: 5 TYPE OF SUBMISSION TYPE OF SUBMISSION TYPE OF SUBMISSION ACIDIZE ALTER CASING ACIDIZE ALTER CASING ACIDIZE ALTER CASING CHANGE TUBING CHANGE TUBING ACIDIZE ALTER CASING CHANGE TUBING CHANGE TUBING CHANGE TUBING CHANGE TUBING CHANGE TUBING CHANGE WILL NAME CHANGE TUBING CHANGE TUBING CHANGE TUBING CHANGE WILL NAME CHANGE TUBING CHANGE TUBING CHANGE WILL NAME CHANGE TUBING CHANGE TUBING CHANGE WILL NAME CHANGE TUBING CHANGE TUBING CHANGE WILL STIE CHANGE WILL STIE CHANGE WILL STIE CHANGE WILL STIE REPORT DATE CHANGE WILL STIE REPORT CHANGE WILL TYPE CHANGE TUBING CHANGE WILL NAME CHANGE TUBING CHANGE WILL NAME CHANGE TUBING CHANGE WILL NAME CHANGE TUBING CHANGE WILL NAME CHANGE TUBING CHANGE TUBING CHANGE TUBING CHANGE WILL NAME CHANGE TUBING CHANGE TU						
4. LOCATION OF WELL FROOTAGES AT SURFACE: 1.158 FIN. 1543 FEL. QUEYTY, SECTION, TOWNSHIP, RANGE, MERIDIAN: QUEYTY, NAME SECTION, COUNTY, ACCOUNTED THE DATA TYPE OF SUBMISSION TYPE OF SUBMISSION TYPE OF ACTION TYPE OF						
SAN JUAN STATE: CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA						
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE	FOOTAGES AT SURFACE:					
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ACIDIZE	11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPORT,	OR OTHER DATA		
NOTICE OF INTENT Approximate date work will start:	TYPE OF SUBMISSION		TYPE OF ACTION			
CHANGE WELL STATUS		☐ ACIDIZE	☐ ALTER CASING	CASING REPAIR		
CHANGE WELL STATUS COMMINGLE PRODUCTION FORMATIONS CONVERT WELL TYPE		☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME		
Date of Work Completion: 6/6/2011 OPERATOR CHANGE PLUG AND ABANDON PLUG BACK PRODUCTION START OR RESUME RECOMPLETE DIFFERENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARY ABANDON DRILLING REPORT WATER SHUTOFF SI TA STATUS EXTENSION OTHER: PLE OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. On Monday, June 6, 2011, Patara Oil & Gas LLC. was given verbal permission by Bart Kettle to enlarge the reserve pit from 25' x 80' x 12' to 37' x 150' x 12'. The liner was also changed from 30 mil to 20 mil reinforced. Please see attached drawing showing the expansion of the pit and its relationship to the entire wellsite layout. The overall dimensions of the wellsite layout were not changed from what was initially approved on the APD. Please send copies of all correspondence to either Danielle Gavito or David Banko at 385 Invernes pate: PARK (PLEASE PRINT) PHONE NUMBER TITLE	Approximate date work will start:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE		
SPUD REPORT PRODUCTION START OR RESUME RECLAMATION OF WELL SITE RECOMPLETE DIFFERENT FORMATION	✓ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION		
Date of Spud:	6/6/2011	OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK		
□ DRILLING REPORT Report Date: □ UNIDEAT WELL DETERMINATION □ VENT OR FLARE □	SPUD REPORT	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION		
DRILLING REPORT Report Date: □ WATER SHUTOFF □ SITA STATUS EXTENSION □ MULDCAT WELL DETERMINATION □ OTHER □ DETERMINATION □ OTHER □ DATE 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. On Monday, June 6, 2011, Patara Oil & Gas LLC. was given verbal permission by Bart Kettle to enlarge the reserve pit from 25' x 80' x 12' to 37' x 150' x 12'. The liner was also changed from 30 mil to 20 mil reinforced. Please see attached drawing showing the expansion of the pit and its relationship to the entire wellsite layout. The overall dimensions of the wellsite layout were not changed from what was initially approved on the APD. Please send copies of all correspondence to either Danielle Gavito or David Banko at 385 Invernes Parkway, Suite 420, Englewood, CO 80112 or to danielle@banko1.com or david@banko1.com respectively. Thank you. By: NAME (PLEASE PRINT) Kimberly J. Rodell 303 820-4480 PHONE NUMBER KITLE Permit Agent TITLE Permit Agent DATE	Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON		
NAME (PLEASE PRINT) NAME (PLEASE PRINT) Kinberty J. Rodell Water Studier Accepted by the Utah Division of Oil, Gas and Mining Oil, Gas and Mining O6/22/2011 Water Studier Water		☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL		
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Kimberiy J. Rodell 303 820-4480 Permit Agent SIGNATURE DATE	On Monday, June 6, 2011, Patara Oil & Gas LLC. was given verbal permission by Bart Kettle to enlarge the reserve pit from 25' x 80' x 12' to 37' x 150' x 12'. The liner was also changed from 30 mil to 20 mil reinforced. Please see attached drawing showing the expansion of the pit and its relationship to the entire wellsite layout. The overall dimensions of the wellsite layout were not changed from what was initially approved on the APD. Please send copies of all correspondence to either Danielle Gavito or David Banko at 385 Invernes pate: Object 10					
SIGNATURE DATE						
I I	SIGNATURE	303 020-4400	DATE			



	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES		FORM 9		
	DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: ML 48737		
SUNDF	RY NOTICES AND REPORTS C	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for proposition bottom-hole depth, reenter plu DRILL form for such proposals.	xisting wells below current APPLICATION FOR PERMIT TO	7.UNIT or CA AGREEMENT NAME: CISCO			
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: Cisco State 36-13		
2. NAME OF OPERATOR: PATARA OIL & GAS, LLC			9. API NUMBER: 43037500080000		
3. ADDRESS OF OPERATOR: 600 17th Street Ste 1900S , [: NUMBER: -0685 Ext	9. FIELD and POOL or WILDCAT: WILDCAT		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1158 FNL 1543 FEL			COUNTY: SAN JUAN		
QTR/QTR, SECTION, TOWNSHI	P, RANGE, MERIDIAN: Township: 31.0S Range: 24.0E Meridian: S		STATE: UTAH		
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
Attached to this filin well. It is inclusive of all corresponder Inverness Parkway,	CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION MPLETED OPERATIONS. Clearly show all perting is a drilling summary report of all drilling activity through 6/2 nce to either Kimberly Rodell or Suite 420, Englewood, CO 8011 felle@banko1.com, respectively	for the Cisco State 36-13 29/11. Please send copies Danielle Gavito at 385 A 22 or to kim@banko1.co . Thank you. Oil	accepted by the Itah Division of , Gas and Mining		
FOR RECORD ONLY					
NAME (PLEASE PRINT) Kimberly J. Rodell	PHONE NUMBER 303 820-4480	TITLE Permit Agent			
SIGNATURE N/A		DATE 7/1/2011			

Patara Oil & Gas LLC

Daily Activity and Cost Summary

Well Name: Cisco State 36-13

API/UWI 430375	00080000	Surface Legal Lo T31S R24E S	cation Sec. 36 NWNE	Field Name	License #	State/Province Utah		Well Configuration Type
Ground El	evation (ft) 5,980.00	Casing Flange El	evation (ft)	KB-Ground Distance (ft) 11.00	KB-Casing Flange Distance (ft)	Spud Date		Rig Release Date
11-1-7-1-1							LO.	
Job Categ Drilling			Primary Job Type Drilling - origi		Secondary Job Type		Status 1 In Progress	
Start Date	6/4/2011		End Date		AFE Number		Total AFE + Supp	Amount (Cost)
	TOP OF CANE CR	EEK						
Summary								
Contractor Frontier				Rig Number #7	Rig Type			
Rpt#	Start Date 6/4/2011 6	End Date /5/2011	Day Total (C	ost) Cum To Date (Cost)	DIO MOVE	Sur	nmary	
		/6/2011 /6/2011			RIG MOVE FINISH HAULING CHEMIC	CALSEROM	STONE LOCA	TION TO CISCO STATE
2.0	0.012011	1012011			36-13 FINISH R/U EQUIPI LOCATION, SPOT FRAC 20" CONDUCTOR AND RI VALVE, HAULE WATER T WATER FROM RIG TANK	MENT MOVE TANKS AND OTATING HE O FILL RIG 1	EQUIPMENT AIR JAMMER: AD FLANGE,	AROUND RIG ON S EQUIPMENT, WELD INSTALL DRAIN
3.0	6/6/2011 6	/7/2011			WELD FLOW LINE TO CO FLOOR, CHANGE PUMP P/U 17.5" AIR HAMMER B	LINERS TO 5	5.5" R/U SOLIE	CALIBER BHA, R/U OS CONTROL EQUIP,
4.0	6/7/2011 6	/8/2011			INSTALL NEW LINER IN I AND MUFFLER FOR AIR DOWN LINE AND BLEED PSI, 1000 PSI, AND 1500 PIT AND FINISH FILLING W/ CREWS, SPUD WELL SURVEY @ 500' 1/2 DEG	DRILLING, RA OFF LINES T PSI, PUT THI FRAC TANKS @ 20:30 HRS	'Ú BRANT EQ FO BOWIE LIN REE LOADS V S, HELD PRE	UIP, HOOK UP BLOW NE, TEST LINES TO 500 WATER IN RESERVE JOB SAFETY METTING
5.0	6/8/2011 6	/9/2011			FINISH TAKING SURVEY MIST F/ 573' T/ 1500' TAK SWEEP 15 MIN APART, F	E SURVEY @	0 1500' 1/2DE	
6.0	6/9/2011 6	/10/2011			FINISH P.O.O.H, LD HAM HEAD, TIH F/ 1200' T/ 125 BTM, CIRCULATE W/ AIR WATER NO RETURNS, P FILL, CIRCULATE WATEI NO FLOW P.O.O.H TO RIS SAFETY METTING, RIG S CSG 54.5# ST&C CSG T/ AND R/U CMT LINES, HE PUMP 668 SKS LEAD CM 150 SKS TAIL CMT @ 14 BUP PLU W/ 700 PSI, WC	2', WASH AN MIST FOR 3 ',O,O,H T/ 10: R, WELL TAK JN 13-3/8" CS/ SERVICE, RV 1483', RU TC LD PJSM TE: IT @ 11.6 PP 2PPG YIELD	D REAM F/ 12 0 MIN AND PU 38' AND WAITE EN WATER S 6G, LD 17-1/2' J CSG CREW, D CMT, WASH ST LINES T/ 3 G YIELD 2.81	253' T/ 1500' 5' FILL ON UMP 350 Bbls OF 30 MIN, TIH T/ 1500' 10' BLOWLY, SHUT DOWN "BIT, HELD PRE JOB "P/U AND RUN 13-3/8" CSG DOWN TO 1491' 000 PSI, MIX AND 334 BBLS AND PUMP
7.0	6/10/2011 6	/11/2011			TIH W/TRI CONE TAG C CSG TO 1900PSI HOLD 5 HOLE DRILL SHOE TRAC 10' T/ 1502', P.O.O.H LD SERVICE RIG, TIH W/ HA TIH TO 1502' DRILL F/ 15 TAKE SURVEY 1/2 DEG, 1997' T/ 2410'	5 MIN GOOD CK W/ AIR MI TRI CONE BI MMER BIT T 02' TO 1997'	TEST, UNLOA ST FC @ 1436 T AND P/U 12 / 1400' INSTA P.O.O.H RETI	AD HOLE WATER FROM 5' SHOE @ 1491' DRILL 1/4" AIR HAMMER, LL ROTATING HEAD RIVE STRING FLOAT,
8.0	6/11/2011 6	i/12/2011			AIR MIST DRILL F/ 2410" DEG, AIR MIST DRILL F/ SURVEY @ 2903' 1/2 DEC CIRCULATE PUMP 300 B P.O.O.H F/ 3008' TO 2416 PUMPED OUT WATER W TIGHT SPOTS, LD 9 JTS TIH INSTALL ROATATING	2463' T/ 2960 G, AIR/ MIST BLS WATER S' STARTED F // AIR @ 2616 W/ KELLY, P	I', RETRIVE S' DRILL F/ 2410 AND CIRC S\ PULLING 35-K S' T/ 1950' WC	TRING FLOAT, TAKE 0' T/ 3008' WATER OUT, NEEP OF PHTA, 1 T/ 50-K OVER, PRKING THROUGH
9.0	6/12/2011 6	/13/2011			REMOVE BOWIE LINE& (3039', RIG SERVICE, ARI			
10.0	6/13/2011	/14/2011			AREATE/DRILL F/ 3298' 3 SERVICE, AERATE DRIL EVERY SURVEY, SURVE	L F/ 3475' T/ 3	3549' RETRIE	VE STRING FLOAT
	· · · · · · · · · · · · · · · · · · ·							

www.peloton.com

Report Printed: 7/1/2011

Patara Oil & Gas LLC

Daily Activity and Cost Summary

Well Name: Cisco State 36-13

	Surface Legal Location T31S R24E Sec. 36 NWNE	:	License #	State/Province Utah	Well Configuration Type
Ground Elevation (ft) 5,980.00		KB-Ground Distance (ft) 11.00		Spud Date	Rig Release Date

Rpt#					
	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
	6/14/2011	6/15/2011			AREATE / DRILL F/ 3910', RETRIEVE STRING FLOAT, SURVEY @ 3859' AND TVD OF 3941', CHANGE ROTATING HEAD RUBBER, DRILL F/ 3941' T/ 3972', BLEED AIR OFF SYSTEM CLOSE IN TO PITS, DRILL F/ 3972' T/ 4096', RIG SERVICE, DRILL F/ 4096' T/ 4158', RETRIEVE STRING FLOAT, SURVEY @ 4074' 3/4 DEG, DRILL F/ 4158' T/ 4444'
12.0	6/15/2011	6/16/2011			AREATE/DRILL F/ 4444' TO 4467' POOH RETRIVE FLOAT TAKE SURVEY @4383' 1 DEG. AREATE/DRILL F/ 4467' T/ 4653' SERVICE RIG AREAT/ DRILL F/ 4653' T/4715' POOH RETRIVE FLOAT TAKE SERVEY @4635' 4 DEG. AREATE /DRILL F/4715' T/ 4850' HEAVEY WATER FLOW CIRC.& COND. MUD UP SYSTEM W/SALT GEL @4840'
13.0	6/16/2011	6/17/2011			CLOSE IN SYSTEM DUE TO WATER FLOW PUMPIMG SALT MUD WORK PIPE FREE F/ DIFF/STICKING DRILL F/ 4840' T/ 4932' PUMPING SWEEPS&1-GAL PHPA DRILL T/ 4932' POOH RETRIVE FLOAT AND TAKE SERVEY @4832' 3/4 DEG SERVICE RIG DRILL F/ 4932' T/ 5120' PUMPING GEL SWEEPS
14.0	6/17/2011	6/18/2011			DRILL F/ 5120' T/ 5271' PUMP SWEEPS CIRCULATE FOR SAMPLE TO VERIFY CSG. POINT @5260', SHORT TRIP T/ 4297'CIRCULATE & PUMP 2-HIGH VIS SWEEPS T/ CLEAN HOLE FOR LOGS POOH TIGHT SPOTS @2947'AND @1580' WORK THROUGH WASH AND REAMFOUND PIESES OF CEMENT PLUG COING OVER SHAKERS ATTEMPT T/WASH BACK DOWN THROUGH TIGHT SPOTS KEPT PUSHING PLUG DOWN HOLE POOH L/D MOTOR AND BIT P/U CLEAN OUT BIT MILL TOOTH &BIT SUB FOR CLEAN OUT RUN
15.0	6/18/2011	6/19/2011			TIH TO 1517' TAG OBSTRUCTION WASH AND REAM F/ 1517' T/ 1985' L/D 9 JOINT AND WASH AND REAM F/ 1985 T/ 2265' L/D 9 JOINTS AND WASH AND REAM F/ 2370 T/ 2638' L/D 9 JOINTS TIH F/ 2638 T/ 5071' WASH AND REAM F/ 5031 T/ 5272' 40' FILL PUMP SWEEP DROP SURVEY PUMP SLUG AND POOH T/ LOG WELL SURVEY @5271' 3/4 DEG. SLM 5273'L/D 8" DRILL COLLARS AND RETRIVE WEAR BUSHING.
16.0	6/19/2011	6/20/2011			R/U LOGGERS AND RUN THE PLATFORM EXPREES W/ BHCSONIC F/5272' UNDER GAGE HOLE F/3120'T/2880'CALIPER LOG T/1200' CEMENT VOLUME W/ 9 5/8 CASING 1330 CU/FT R/D LOGING TOOLS R/U CASING TOOLS GET ORDERS F/ GEOLOGIST THAT LOGS SHOW WELL NEEDS TO BE DEEPPER FOR CSG SETTING POINT R/D CASING TOOLS INSTALL WEAR BUSHING P/U 8"D/C AND TIH T/ 3059 TIGHT SPOT REAM OUT TIGHT SPOT F/ 3059 T/3102'TIH T/5240' WASH AND REAM F/ 5240'T/5272' DRILL F/ 5272' T/5374'
17.0	6/20/2011	6/21/2011			DRILL F/5374' T/ 5395'CIRCULATE FOR SAMPLES @5395' DRILL F/5395 T/5400' CIRCULATE SWEEP FOR CSG RUN PUMP SLUG AND POOH PULL WEAR BUSHING HELD PRE JOB SAFETY MEETING R/U & RUN 9 5/8 CSG. TR/ 5373' PUMP CSG DOWN T/ 5397'
18.0	6/21/2011	6/22/2011			CIRCULATE B/U & R/D CASING RUNNING TOOLS HELD SAFETY MEETING TEST LINES T/5000 PSI MIX AND PUMP CEMENT AND DISPLACE W/ 380 BBL BUMP PLUG @1040 AM W/1993 PSI WAIT ON CEMENT P/U BOPS AND SET SLIPS W/230K DOWN MAKE ROUGH CUT INSTALL B-SEC 13 5/8 X 11" 10M N/D BOPS DRESS OFF 9 5/8 CSG. TEST FLANGE T/5000 PSI AND N/U 11"X 10M BOP W/ N/U CREW
19.0	6/22/2011	6/23/2011			N/U BOPS TEST SAME 250 LOW 10000 HIGH ON CHOKE MANIFOLD VALVES AND LINES RAMS AND FLOOR VALVES TEST ANNULAR 250 LOW AND 3500 HIGH AND PUMP VALVES N/U ROTATING HEAD INSTALL TURN BUCKLES ON BOPS LOAD PIPE RACKS W/ DIR. TOOLS P/U DIR. TOOLS AND ORIENT SAME INSTALL WEAR BUSHING
20.0	6/23/2011	6/24/2011			TIH FILL PIPE EVERY 2000' TAG FLOAT COLLAR @5349' DRILL FLOAT AND SHOE 5396' DRILL T/5400' SPOT PILL PERFORM SHOE TEST LOT 17.5 PPG W/ 10.3 SALT MUD 2025 PSI CIRCULATE AND DISPLACE SALT MUD W/ 13.4 PPG OBM. CLEAN MUD TANKS W/ WATER SERVICE RIG CLEAN LAST MUD TANK DRILL F/ 5411' T/5769'
21.0	6/24/2011	6/25/2011			DRILL F/ 5769' T/ 6108 SERVICE RIG ADJUST BRAKES DRILL F/ 6108' T/ 6290' MOTOR FAILURE CIRCULATE B/U AND PUMP SLUG POOH L/D BAD MOTOR AND P/U NEW MOTOR TIH INSTALL ROTATING HEAD @ 1170' FILL PIPE @ 2000' TIH T/ 2600'

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Report Printed: 7/1/2011

Patara Oil & Gas LLC

Daily Activity and Cost Summary

Well Name: Cisco State 36-13

43037500080000	Surface Legal Location T31S R24E Sec. 36 NWNE	Field Name	License #	State/Province Utah	Well Configuration Type
Ground Elevation (ft) 5.980.00		KB-Ground Distance (ft) 11.00		Spud Date	Rig Release Date

Rpt#	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
22.0	6/25/2011	6/26/2011			TIH T/ 4000', SLIP & CUT DRLG LINE 100', TIH T/ 6210', WASH& REAM F/ 6190' T/ 6290', DRILL F/ 6290' T/ 6294', REDRILL FOR GAMMA LOG F/ 6290' T/ 6294', LOST PULSE, DRILL F/ 6294' T/ 6449', RIG SERVICE, DRILL F/ 6449' T/ 6785', SLIDE F/ 6574' T/ 6590', WT UP SYSTUM F/ 13.7 T/ 14.1PPG
23.0	6/26/2011	6/27/2011			TIH T/4000' FILL PIPE @4000' SLIP AND CUT 100' DRILL LINE FINISH TIH T/6210 WASH AND REAM F/ 6190' T/ 6290' DRILL F/ 6294' T/ 6449 WAIT UP F/ 13.4 T/13.7 PPG SERVICE RIG DRILL F/ 6449' T/ 6785' SLICE F/ 6574' T/6590' WT UP F/ 13.7 T/14.1 PPG
24.0	6/27/2011	6/28/2011			DRILL F/ 7511' T/ 7586' CIRCULATE B/U FOR SAMPLE TO VERIFY CORE POINT SHORT TRIP T/ SHOE 5400' TIH AND WASH AND REAM F/ 7523' T/ 7586' CIRC. AND COND. MUD PUMP SLUG POOH T/ BHA L/D 2- MONELS-UBHO ANS MUD MOTOR SERVICE RIG AND HOLD PJSM P/U CORE ASSY. TAG UP IN 9 5/8 CSG. POOH AND CHECK BIT 8 3/4 NOT 8 1/2 FINISH P/U CORING ASSY. AND RACK IN DERRICK P/U BIT RR#6 B/S AND TIH T/ 7340' TAG UP WASH AND REAM F/ 7340' T/ 7586' CIRCULATE AND COND MUD POOH T/ P/U CORING ASSY.
25.0	6/28/2011	6/29/2011			POOH AND L/D BIT AND BIT SUB CLEAN OFF RIG FLOOR HOLD PJSM TIH W/ CORING ASSY F/ DERRICK AND P/U INTER BARREL F/ CATWALK TIH W/ CORING ASSY. T/7459' WASH AND REAM F/ 7459' T/ 7586' CORE DRILL F/ 7586 T/ 7623' 37' @ 3.8 FPH PUMP SLUG AND POOH DUE T/ NOT MAKING ANY FOOTAGE.
26.0	6/29/2011	6/30/2011			POOH W/ CORE ASSY@ 4-MINS PER STAND T/ 2250' POOH F/ 2250' T/270 @ 10- MINS PER STAND WAIT ON CORE GAS EXPANSION FOR 30 MINS SERVICE RIG POOH F/270' T/ CORE BARREL PULL AND L/D INTER CORE BARRELRECOVER 38' OF CORE SAMPLE PULL AND INSPECT BIT (OK) P/U NEW INTER CORE BARREL ASSY. TIH W/ CORE ASSY. QUEST WORKING ON CORE INTER CORE TUBE ON CATWALK FOUND CORE CATCHER MISSING F/ CORE ASSY. WAIT ON ORDERS POOH AND BREAK OFF BIT AND RACK ASSY IN DERRICK FOUND MISSING CORE CATCHER IN BOTTOM OF BIT ON OUT SIDE OF NORMAL SEATING PLACE MADER IN BIT THIS TYPE OF CORE CATCHER HAS NO SLEAVE P/U BIT AND TIH W/ CORE ASSY. FILL PIPE EVERY 2000' TAG @ 7620' WASH DOWN T/ 7623' DRILL CORE F/ 7623 T/ 7658'

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Report Printed: 7/1/2011

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

			ENTITY ACTIO	N FORM				
Operator:	Patara	Oil & Gas LLC		Ope	rator Ac	count Ni	ımber: <u>N</u>	3670
Address:	600 17	500 17th Street, Suite 1900S						on an institution.
_{city} Denver								
	state CO zip 80202				F	hone Nu	ımber: _(303) 563-5365
Well 1								
API Nu	API Number Well Name		Name	QQ	Sec	Twp	Rng	County
43037	50008	Cisco State 36-13		NWNE	36	31S	24E	San Juan
Action	Code	Current Entity Number	New Entity Number	S	pud Da	te		ty Assignment ffective Date
А		99999	18091		6/7/201 ⁻	1	4	1/29/11
Commen	ts: V CR					CON	FIDER	TIAL

API Number	Well Name		QQ Sec Twp			Rng County		
Action Code	Current Entity Number	New Entity Number	s	pud Da	te		y Assignment ective Date	
Comments:								

API Number	Well Name		QQ Sec Twp			Rng County		
Action Code	Current Entity Number	New Entity Number	s	pud Da	te		y Assignment ective Date	
omments:			<u> </u>					

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

Danielle Gavito

Name (Please Print)

Signaturé

Permit Agent for Patara

6/28/2011

Title

Date

(5/2000)

JUN 2 9 2011

RECEIVED

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: ML 48737
SUND	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen ougged wells, or to drill horizontal laterals. Us		7.UNIT or CA AGREEMENT NAME: CISCO
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: Cisco State 36-13
2. NAME OF OPERATOR: PATARA OIL & GAS, LLC			9. API NUMBER: 43037500080000
3. ADDRESS OF OPERATOR: 600 17th Street Ste 1900S , D		IE NUMBER: 5-0685 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1158 FNL 1543 FEL			COUNTY: SAN JUAN
QTR/QTR, SECTION, TOWNSHI	IP, RANGE, MERIDIAN: 5 Township: 31.0S Range: 24.0E Meridian: S	5	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
This is the final portion Please send copies Gavito at, 385 Inve	CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION OMPLETED OPERATIONS. Clearly show all perton of the drilling summary for tof all correspondence to either rness Parkway, Suite 420, Engom or danielle@banko1.com, resume and the second summary for the drilling summary for the drilling summary for the drilling summary for the danielle@banko1.com, resummary for danielle@banko1.com, resummary for the danielle@banko1.com, resummary for t	the Cisco State 36-13 well David Banko or Danielle lewood, CO, 80112, or to espectively. Thank you, Oil	Accepted by the
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE	
Kimberly J. Rodell SIGNATURE	303 820-4480	Permit Agent DATE	
N/A		7/19/2011	

Patara Oil & Gas LLC

Daily Activity and Cost Summary

Well Name: Cisco State 36-13

API/UWI	Surface Legal Location	Field Name	License #	State/Province	Well Configuration Type
43037500080000	T31S R24E Sec. 36 NWNE			Utah	ı
Ground Elevation (ft)	Casing Flange Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	Spud Date	Rig Release Date
5.980.00		11.00	!		

Rpt # Start Date 22.0 6/25/2011 23.0 6/26/2011 24.0 6/27/2011	End Date 6/26/2011 6/27/2011 6/28/2011	Day Total (Cost)	Cum To Date (Cost)	Summary TIH T/4000', SLIP & CUT DRLG LINE 100', TIH T/6210', WASH& REAM F/6190' T/ 6290', DRILL F/ 6290' T/ 6294', REDRILL FOR GAMMA LOG F/ 6290' T/ 6294', LOST PULSE, DRILL F/ 6294' T/ 6449', RIG SERVICE, DRILL F/6449' T/ 6785', SLIDE F/ 6574' T/ 6590', WT UP SYSTUM F/ 13.7 T/ 14.1PPG TIH T/4000' FILL PIPE @4000' SLIP AND CUT 100' DRILL LINE FINISH TIH T/6210 WASH AND REAM F/ 6190' T/ 6290' DRILL F/ 6294' T/ 6449 WAIT UP
23.0 6/26/2011	6/27/2011			6190' T/ 6290', DRILL F/ 6290' T/ 6294', REDRILL FOR GAMMA LOG F/ 6290' T/ 6294', LOST PULSE, DRILL F/ 6294' T/ 6449', RIG SERVICE, DRILL F/ 6449' T/ 6785', SLIDE F/ 6574' T/ 6590', WT UP SYSTUM F/ 13.7 T/ 14.1PPG TIH T/4000' FILL PIPE @4000' SLIP AND CUT 100' DRILL LINE FINISH TIH
				TIH T/4000' FILL PIPE @4000' SLIP AND CUT 100' DRILL LINE FINISH TIH
24.0 6/27/2011	6/28/2011			F/ 13.4 T/13.7 PPG SERVICE RIG DRILL F/ 6449' T/ 6785' SLICE F/ 6574' T/6590' WT UP F/ 13.7 T/14.1 PPG
				DRILL F/ 7511' T/ 7586' CIRCULATE B/U FOR SAMPLE TO VERIFY CORE POINT SHORT TRIP T/ SHOE 5400' TIH AND WASH AND REAM F/ 7523' T/ 7586' CIRC. AND COND. MUD PUMP SLUG POOH T/ BHA L/D 2- MONELS-UBHO ANS MUD MOTOR SERVICE RIG AND HOLD PJSM P/U CORE ASSY. TAG UP IN 9 5/8 CSG. POOH AND CHECK BIT 8 3/4 NOT 8 1/2 FINISH P/U CORING ASSY. AND RACK IN DERRICK P/U BIT RR#6 B/S AND TIH T/ 7340' TAG UP WASH AND REAM F/ 7340' T/ 7586' CIRCULATE AND COND MUD POOH T/ P/U CORING ASSY.
25.0 6/28/2011	6/29/2011			POOH AND L/D BIT AND BIT SUB CLEAN OFF RIG FLOOR HOLD PJSM TIH W/ CORING ASSY F/ DERRICK AND P/U INTER BARREL F/ CATWALK TIH W/ CORING ASSY. T/7459' WASH AND REAM F/ 7459' T/ 7586' CORE DRILL F/ 7586 T/ 7623' 37' @ 3.8 FPH PUMP SLUG AND POOH DUE T/ NOT MAKING ANY FOOTAGE.
26.0 6/29/2011	6/30/2011			POOH W/ CORE ASSY@ 4-MINS PER STAND T/ 2250' POOH F/ 2250' T/270 @ 10- MINS PER STAND WAIT ON CORE GAS EXPANSION FOR 30 MINS SERVICE RIG POOH F/270' T/ CORE BARREL PULL AND L/D INTER CORE BARRELRECOVER 38' OF CORE SAMPLE PULL AND INSPECT BIT (OK) P/U NEW INTER CORE BARREL ASSY. TIH W/ CORE ASSY. QUEST WORKING ON CORE INTER CORE TUBE ON CATWALK FOUND CORE CATCHER MISSING F/ CORE ASSY. WAIT ON ORDERS POOH AND BREAK OFF BIT AND RACK ASSY IN DERRICK FOUND MISSING CORE CATCHER IN BOTTOM OF BIT ON OUT SIDE OF NORMAL SEATING PLACE MADER IN BIT THIS TYPE OF CORE CATCHER HAS NO SLEAVE P/U BIT AND TIH W/ CORE ASSY. FILL PIPE EVERY 2000' TAG @ 7620' WASH DOWN T/ 7623' DRILL CORE F/ 7623 T/ 7658'
27.0 6/30/2011	7/1/2011			DRILL CORE F/ 7658' T/ 7688' PUMP SLUG AND POOH F/ 7688' T/ 4230 @ 4 - MINS A STAND POOH F/ 4230' T/ 2250' @ 6- MINS A STAND POOH F/ 2230 T/ 270 @ 6- MINS A STAND AND WAIT 30 MINS ON GAS EXPANSION TO BREAK OUT POOH F/ 270 T/ BIT @ 10 MINS PER STAND L/D INTER CORE BARREL RECOVERED 31.1' OF CORE L/D CORE ASSY. CLEAN OFF RIG FLOOR & P/U MUD MOTOT AND BIT # 6 RR TIH T/ 7603' TAG UP WASH AND REAM
28.0 7/1/2011	7/2/2011			WORK PIPE THROUGH TIGHT SPOTS AND CLEAN UP SAME PUMP SLUG AND POOH L/D BIT AND MUD MOTOR R/U LOGGING TOOLS
29.0 7/2/2011	7/3/2011			WASH AND REAM F/ 7603' T/ 7688' DRILL F/ 7688' T/ 7947' PUMP SWEEPS AS NEEDED CIRCULATE B/U @ 7947' PUMP SLUG AND POOH F/ 7947' T/ 7887' PULLED TIGHT SPOT WORKED FREE WASH AND REAM THROUGH TIGHT SPOTS F/ 7887' T/ 7700'WORKING TIGHT SPOTS PUMP SLUG AND POOH T/ LOG WELLL/D BIT AND MUD MOTOR HOLD PRE JOB SAFETY MEETING AND R/U T/ LOG WELL.
30.0 7/3/2011	7/4/2011			RIH W/ PLATFORM EXPRESS AND LOG F/ 4748' WLM T/9 5/8 CSG. L/D LOGGING TOOLS P/U MSIP AND OBIM RIH T/ 7948' AND LOG UP T/ CSG. SHOE R/D LOGGING TOOLS P/U # 6- RR BIT AND B/S TIH T/ 7722' WASH AND REAM F/ 7722' T/ 7947' PUMP SWEEP AND CIRCULATE OUT. PUMP OUT 9 JOINTS F/ 7947' T/7703' HOLD PRE JOB SAFETY MEETING W/ L/D CREW AND R/U LAY DOWN TRUCK. PUMP SLUG AND POOH L/D 4.5 DRILL PIPE.
31.0 7/4/2011	7/5/2011			POOH AND LAY DOWN 4.5" DRILL PIPE REMOVE ROTATING HEAD RUBBER AND P/U KELLY AND BREAK SAME. POOH AND LAY DOWN 4.5" HWDP AND 6" DRILL COLLARS BIT AND B/S. SERVICE RIG HELD SAFETY MEETING W/ CREWS AND R/U TO RUN 7" CSG. P/U AND RUN 7" # 32 P-110 LTC CASING T/ 4988' WAIT ON 7" CSG. SWEDGE RUN CSG. F/ 4988' T/ 7314' FILL PIPE EVERY 20 JOINTS.

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Report Printed: 7/11/2011



Patara Oil & Gas LLC

Daily Activity and Cost Summary

Well Name: Cisco State 36-13

	Surface Legal Location T31S R24E Sec. 36 NWNE	Field Name	License #	State/Province Utah	Well Configuration Type
Ground Elevation (ft) 5,980.00		KB-Ground Distance (ft) 11.00		Spud Date	Rig Release Date

Rpt#	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
32.0	7/5/2011	7/6/2011			FINISH RUNNING 7"#32 P-110 CSG. T/ 7947" R/U BJ CEMENT HEAD AND CIRCULATE B/U HOLD PJSM AND TEST LINE T/ 4500 PSI MIX AND PUMP 22 BBL.OF ULUTRA FLUSH 11 AND 5 BBL OF FRESH WATER 8.34 PPG MIX AND PUMP 120 SKS, G-CEMENT 15.8 PPG 25.01 BBLS. OD SLURRY YEIL POINT 1.17 W/ ADDITIVES DISPLACE W/ 8.4 PPG FRESH WATER + 1-GPT CLAYTREAT 3C 285.1 BBLS. W/ FULL RETURNS DIDNT BUMP PLUG PUMPED 1/2 SHOE TRACK AND SHUT DOWN HOLD 1000 PSI ON CEMENT FOR 4- HOURS WAIT ON CEMENT PUMP OBM TO STORAGE TANKS REMOVE FLOW LINE. NIPPLE DOWN BOP'S P/U STACK AND SET 7" CSG SLIPS W/ 170-K DOWN AND CUT OFF CSG. W/ FMC NIPPLE DOWN BOP AND PULL F/ UNDER RIG DRESS OFF 7" AND INSTALL WELL HEAD AND TEST TO 10000 PSI AND RIG DOWN

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	FORM 9				
	5.LEASE DESIGNATION AND SERIAL NUMBER: ML 48737				
SUND	RY NOTICES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for proposition-hole depth, reenter plu DRILL form for such proposals.	7.UNIT or CA AGREEMENT NAME: CISCO				
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: Cisco State 36-13				
2. NAME OF OPERATOR: PATARA OIL & GAS, LLC	9. API NUMBER: 43037500080000				
3. ADDRESS OF OPERATOR: 600 17th Street Ste 1900S , D	NUMBER: 0685 Ext	9. FIELD and POOL or WILDCAT: WILDCAT			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1158 FNL 1543 FEL	COUNTY: SAN JUAN				
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWNE Section: 36	STATE: UTAH				
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION				
Patara Oil & Gas LLC various casing strings all correspondence to Parkway, Suite 42	CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION PMPLETED OPERATIONS. Clearly show all perting respectfully submits copies of the Set on the Cisco State 36-13 we either David Banko or Danielle 20, Englewood, CO 80112 or to colle@banko1.com, respectively.	ne cement tickets for the rell. Please send copies o Gavito at, 385 Inverne david@banko1.com or U Thank you. Oil	e of sccepted by the		
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE			
Danielle Gavito SIGNATURE	303 820-4480	Permit Agent			
SIGNATURE N/A		DATE 7/27/2011			



PSI TO

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BBL.CMT

RETURNS/

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133

TEST

FLOAT

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Y

TOTAL

BBL

PUMPED

625

SUPPLEMENTAL CEMENT JOB REPORT

CUSTOMER Patara Oil & Gas, LLC				DATE F.R. # 10-JUN-11 1001815293		5293	SERV. SUPV. DELBERT S GALLEGOS	
EASE & WEL	L NAME - OC	SG	LOC	CATION			COUNTY-PARISH-BLOCK	
Cisco State 36-13				Grand Junction			San Juan Utah	
DISTRICT			DRII	DRILLING CONTRACTOR RIG #		#	TYPE OF JOB	
Grand Junctio	n						Surface	
	Р	RESSURE/R	ATE DETAI	L				
TIME	PRESSU	JRE - PSI	RATE	Bbl. FLUID	FLUID		EXPLANATION	
HR:MIN	PIPE	ANNULUS	BPM	PUMPED	TYPE			
16:45						convoy and safety meeti	ng	
17:00						leave yard for location		
20:15						arrive to location		
20:20						JSA and rig up meeting		
20:30						spot trucks and rig up irc	on and hoses	
21:15						wait for rig to finish runni	ng casing	
01:00						pre job safety meeting		
01:34	3300	0	.5	2	WATER	pressure test lines to 200	00psi	
01:39	148	0	6	3	WATER	pump 20 bbl fresh water		
01:44	254	0	6	3	CEMENT	start cement 334bbls lea		
01:49	247	0	7.2	50	CEMENT	rate pressure	110	
01:57	302	0	7.2	100	CEMENT	rate pressure		
02:03	251	0	7.2	150	CEMENT	rate pressure		
02:10	232	0	7.2	200	CEMENT	rate pressure		
02:17	209	0	7.2	250		rate pressure		
02:24	245	0	7.2	300	CEMENT	rate pressure		
02:27	222	0	7.2	330	CEMENT	end lead start tail 39bbls	@ 14.2ppg	
02:39	220	0	6.1	15	CEMENT	rate pressure	- · · · F F B	
02:39	0	0	0	38	CEMENT	end cement drop plug		
02:46	69	0	4.6	1	WATER	start displacement		
02:53	89	0	6.9	50	WATER	rate pressure		
03:00	200	0	6.9	90	WATER	cement to surface		
03:02	223	0	6.9	100	WATER	rate pressure		
03:09	271	0	6.9	150	WATER	rate pressure		
03:17	318	0	5.4	200	WATER	rate pressure		
03:18	305	0	2.4	210	WATER	slow rate to 2bpm until b	ump plug	
03:24	776	0	0	223	WATER	bump plug to 900psi hold for 5 minutes		
03:30	0	0	0	223	WATER	bled off pressure float held		
00.00					WYTHEIT	cement is dropping wait		
						top out	-nodis on coment to	
08:13	569	0	3.4	2	CEMENT	start top out		
08:16	0	0	0.1	9	CEMENT	cement to surface end to	on out	
00.10	0	0	0	5	OLIVILIVI	Kept returns throughout		
						133bbls cement to surface		
						1330015 Cerrient to Sunat	ue.	

PT 1553 (12/98) Jr8005

PSI

LEFT ON

CSG

SPOT TOP OUT

CEMENT

Y

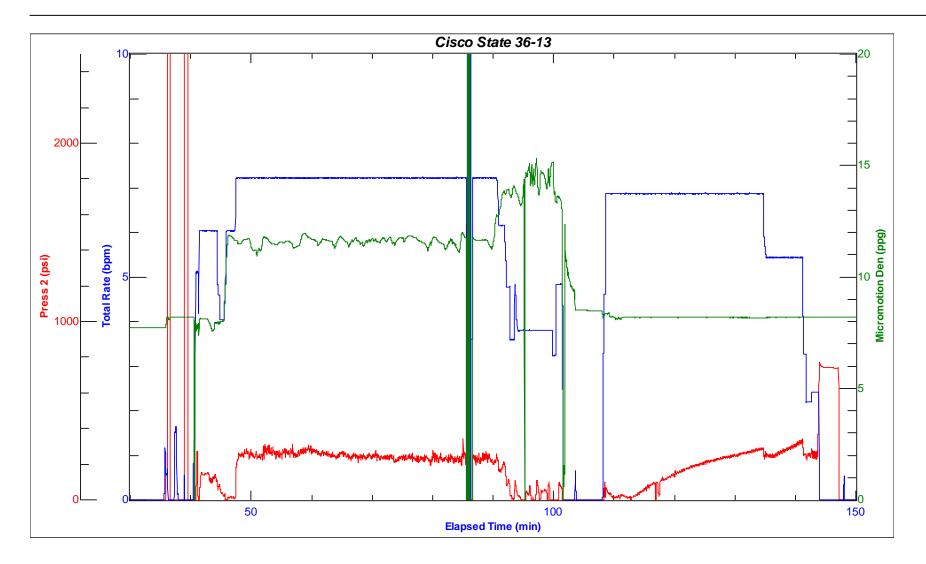
SERV. SUPV.



BJ Services JobMaster Program Version 3.50 *Job Number: 1001815293*

Customer: Patara

Well Name: Cisco State 36-13



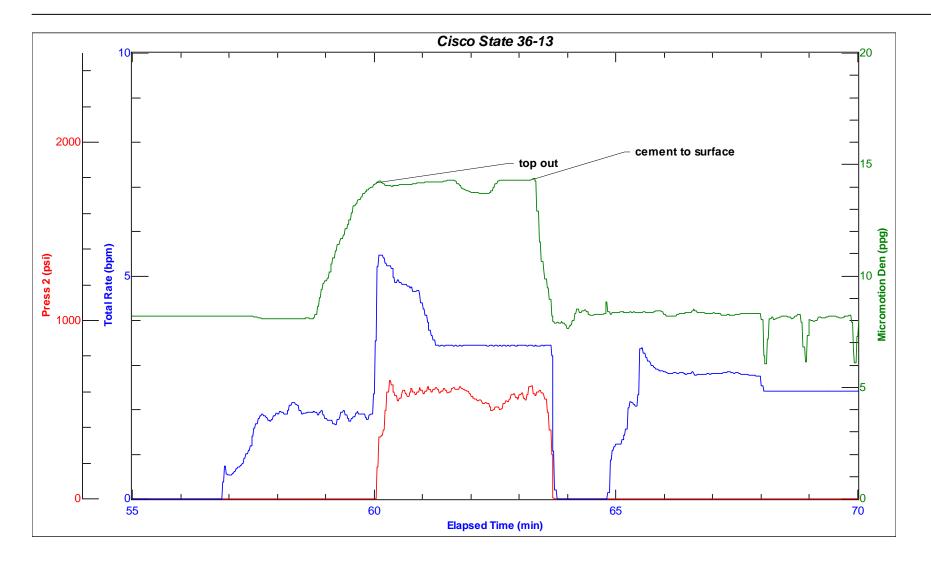
BJ Services Job Start: Friday, June 10, 2011



BJ Services JobMaster Program Version 3.50 *Job Number: 1001815293*

Customer: Patara

Well Name: Cisco State 36-13



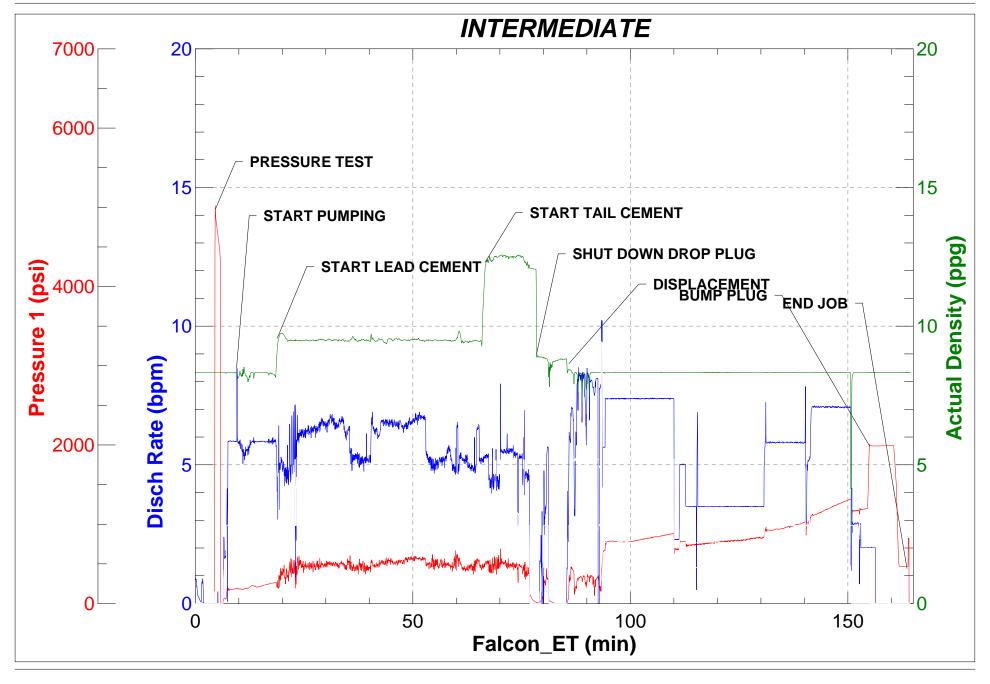
BJ Services Job Start: Friday, June 10, 2011

CEMENT JOB REPORT



CUSTOMER	Patara Oi	I & Gas, LLC	- I	DATE 22-JUN-1	1 F.F	₹.#	1001819	9375			SERV.	SUPV.	JAMES I	D POTTER	
LEASE & WEL	NAME		ı	OCATION							COUN	ΓY-PARI	SH-BLOC	K	
Cisco State 3	6-13											Juan Utal	h		
DISTRICT Grand Junction	on			DRILLING CONT	TRACTOR	RIG#						OF JOB mediate			
		F PLUGS	LIST-C	SG-HARDWARE			PHYSICAL SLURRY				Y PROP				
9-5/8" Top Cer	n Plug, N	litrile cvr, Phe	- 8rd	_	CKS F	SLUF		SLURR YLD		VATER GPS	PUMP TIME	SLURR	Bbl Y MIX		
			Float Shoe 9-	5/8 - 8rd		1	IENT	PPG		FT ³		J. J	HR:MIN	OZO.	WATER
		MATERIALS F	JRNISHED BY	BJ											
Surfactant Wa	ish								8.4						10
Mud Clean I									8.4						20
Surfactant Wa	ish						8.4						10		
35:65:10 w/LV	V-6+.04#	skSF+.7%R3+78.	76%LW6+.5%	FL63			324		9.5	4.2	24	14.96		260.0	122.52
35:65:6 Type	II+.04#s	kSF+.3%fl63+.25#	skCF+.2%cd3	2			150		12.5	2.	15	11.37		57.5	40.62
Fresh Water									8.4					3	92
.025#skCF+.3	%CD32+	5%sms+.5gl100s	kPS+5%CSE+	-8%Bent+					9.5						0
3#skKS+.2%S	MS+.3%	ba59+.5gl100skF	P+10#skCSE+	6%bent					12.5						0
Available Mix	Water_	800 Bbl.	Available Disp	ol. Fluid <u>80</u> 0	<u>Bbl.</u>							тот	AL	749.5	7 163.14
	HOLE TBG-CSG-D.P. COLLAR DEPTHS														
SIZE % EXCESS DEPTH SIZE WGT. TYPE DEPTH GRADE SHOE FLOAT STAGE															
			9.625							_					0
SIZE WG1	AST CAS	ING PE DEPTH		CMT RET-BR PI ND & TYPE		EPTH	TOP	F. DEP	PTH BTM	SIZE	OP CC	READ	TYPE	WELL FLU	IID │ WGT.
	5 CSG		No Packer	ND & THE			IUF	0		9.6	- 1			BASED M	
DISPL. VOL	UME	DISF	L. FLUID	CAL. PSI	CAL. MA	X PSI	OP. MA	AX	MA	X TBG P	SI	M	AX CSG I	PSI	MIX
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO RE	ΞV.	SQ. P	SI	RATE	D Ope	erator	RATI	ED C	perator	WATER
392	BBLS	Fresh Water	8	.4 1993		0		0		0	0	6	870	5496	RIG TANK
			,	Circ	ulation	Prior	to Jo	b							
Circulated W	ell: R	ig X	BJ 🗍			Circu	lation T	īme:	1			Circu	lation Ra	te: 6 BF	PM
Mud Density	In: 10	LBS/GAL Mu	d Density Out:	10 LBS/GAI	L	PV &	YP Mu	ıd In:	30			PV 8	YP Muc	Out: 30)
Gas Present		X YES	Units			Solid	ls Prese	ent at E	End of	Circulati	on:	NO	X	YES	
					cement	And I	Mud R	Remo	oval						
Displaced E	BV:	Rig	BJ X				unt Bled			Job:	1.5	BBLS			
Returns Dur		NONE		RTIAL F	ULL		od Used					SUAL			
Cement Retu			YES >		JLL					at Surface			NO	YES	
Pipe Movem		ROTATION		OCATION	NONE					TUCK PIF					
Centralizers:		NO	X YES		-	antity:					Тур	e:	BOW	/ R	IGID
Job Pumped	l Through	n: CHOŁ	Œ MANIFOLD	SQUEEZ	E MANIFO	DLD	M	ANIFO	DLD	NO	MANIF				
					Pli	ugs									
Number of Atte	empts by	BJ:	Competiti	on:			r Balls l	Jsed:	Γ	X NO		YES	Quantit	V:	
Plug Catcher l	Jsed:	X NO	YES				oow Use			X NO		YES		,	
Was There a B	Was There a Bottom: X NO YES Top of Plug: FT Bottom of Plug: FT														
	Squeezes (Update Original Treatment Report for Primary Job)														
BLOCK SQUEEZE SHOE SQUEEZE TOP OF LINER SQUEEZE PLANNED UNPLANNED															
	Liner Packer: X NO YES Bond Log: X NO YES PSI Applied: Fluid Weight: LBS/GAL														
	Casing Test (Update Original Treatment Report for Primary Job)														
Casing Test Pressure: PSI With LBS/GAL Mud Time Held: Hours Minutes															
		BLE SETTING TO													
LAI LANATION		JEE SETTING TO	, L, INDIVINING	555, E16. FRIO	IN TO CEN	* 4 I II									

Customer: PATARA Well Name: CISCO STATE 36-13



BJ Services CONDITIONS OF CONTRACT

Effective 08/19/96

CUSTOMER AND BJ SERVICES AGREE THAT THE SERVICES DESCRIBED ON THE FACE OF THIS SERVICE ORDER AND FIELD RECEIPT ARE TO BE PERFORMED SUBJECT TO AND IN CONSIDERATION OF THE FOLLOWING TERMS AND CONDITIONS:

1. CUSTOMER. For the purpose of this contract, the term Customer shall include agents, subsidiaries, joint venturers and partners of customers.

- WELL CONDITION. Customer warrants that the well described on the face of this service order and field receipt is in proper condition to receive the products, supplies, materials, and services described herein.
- 3. INDEPENDENT CONTRACTOR. BJ Services is and shall be an independent contractor with respect to the performance of this contract and neither BJ Services nor anyone employed by BJ Services shall be the agent, representative, employee or servant of Customer in the performance of this contract or any part hereof.
- 4. PRICE. Customer agrees to pay BJ Services for the products, supplies, materials, and services described herein in accordance with BJ Services, current price list. In the event that BJ Services has agreed to charge Customer other than as set forth in such price list, the charges agreed upon by Customer and BJ Services shall be those set forth on the face of this service order and field receipt and the agreement of Customer thereto shall be conclusively established by its execution of the receipt set forth on the face of this service order and field receipt.
- 5. TERMS. Cash in advance unless BJ Services has approved credit prior to the sale. Credit terms for approved accounts are total invoice amount due on or before the 30th day from the date of the invoice at the address set forth therein. Past due accounts shall pay interest on the balance due at the rate of 11/2% per month or the maximum allowable under applicable state law if such law limits interest to a lesser.
- amount. In the event it is necessary to employ a third party to effect collection of said account, Customer agrees to pay all fees of such third party directly or indirectly incurred for such collection.
- TAXES. Customer agrees to pay all taxes based on or measured by the charges set forth on the face of this service order and field receipt
- 7. AMENDMENTS AND MODIFICATIONS. No field employee of BJ Services shall be empowered to alter the terms and conditions of this contract and BJ Services shall not be bound by any changes or modifications in this contract unless made in writing by a duly authorized executive officer of BJ Services. By requesting the goods and services set forth herein, Customer agrees to all the terms and conditions contained on both sides of this service order and field receipt, which constitutes the entire agreement between the parties, unless Customer and BJ Services have entered into a master service agreement or master work contract applicable to the services performed and products, supplies and materials furnished by BJ Services hereunder, in which event any term or provision of this service order and field receipt in conflict with the provisions thereof shall be deemed invalid to such extent. Subject only to the preceding sentence BJ Services hereby objects to any term of any purchase order, delivery ticket or receipt or other document that varies from or conflicts with the terms of this contract.
- 8. SEVERABILITY. It is understood and agreed by Customer and BJ Services that any term or provision of this contract prohibited by law shall be deemed invalid to the extent of such prohibition and shall be modified to the extent necessary to conform to such rule of law. Any term or provision of this contract not deemed invalid and modified pursuant to the preceding sentence shall remain in full force and effect without regard to such invalidity and modification.
- 9. LIMITED WARRANTY. BJ SERVICES WARRANTS ONLY TITLE TO PRODUCTS, SUPPLIES AND MATERIALS FURNISHED PURSUANT TO THIS CONTRACT AND THAT THE SAME WILL CONFORM TO THE DESCRIPTION SPECIFIED HEREIN AND ARE FREE FROM DEFECTS IN WORKMANSHIP AND MATERIALS. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. BJ SERVICES; LIABILITY AND CUSTOMERS EXCLUSIVE REMEDY IN ANY CAUSE OF ACTION (WHETHER IN CONTRACT, TORT, BREACH OR WARRANTY OR OTHERWISE) ARISING OUT OF THE SALE OR USE OF ANY PRODUCTS, SUPPLIES OR MATERIALS IS EXPRESSLY LIMITED TO THE REPLACEMENT OF SUCH PRODUCTS, SUPPLIES OR MATERIALS OR, AT BJ SERVICES; OPTION, TO THE ALLOWANCE TO THE CUSTOMER OF CREDIT FOR THE COST OF SUCH ITEMS. BJ SERVICES MAKES NO WARRANTIES FOR ANY EQUIPMENT, MATERIALS OR PRODUCTS MANUFACTURED BY THIRD PARTIES, BUT WILL PASS ON TO CUSTOMER ALL WARRANTIES OF THE MANUFACTURERS OF SUCH EQUIPMENT, MATERIALS OR PRODUCTS. BJ SERVICES IS UNABLE TO, AND DOES NOT, GUARANTEE THE ACCURACY OF ANY JOB RECOMMENDATION, RESEARCH ANALYSIS, DATA INTERPRETATION, OR OTHER INFORMATION FURNISHED TO CUSTOMER BY BJ SERVICES IN VIEW OF THE UNCERTAINTY OF WELL CONDITIONS AND THE RELIANCE BY BJ SERVICES AND CUSTOMER UPON INFORMATION AND SERVICES FURNISHED BY THIRD PARTIES. THEREFORE, NO WARRANTY EXPRESS OR IMPLIED IS GIVEN CONCERNING THE EFFECTIVENESS OF THE PRODUCTS, SUPPLIES OR MATERIALS USED, RECOMMENDATIONS GIVEN, OR SERVICES PERFORMED BY BJ SERVICES. CUSTOMER AGREES THAT BJ SERVICES SHALL NOT BE RESPONSIBLE FOR ANY DAMAGES ARISING FROM THE USE OF DATA FURNISHED BY BJ SERVICES. CUSTOMER ACCEPTS FULL RESPONSIBILITY FOR RETURNING THE WELL DESCRIBED ON THE FACE OF THIS SERVICE ORDER AND FIELD RECEIPT TO PRODUCTION. BJ SERVICES DOES NOT GUARANTEE THE EFFECTIVENESS OF THE PRODUCTS. SUPPLIES OR MATERIALS FURNISHED PURSUANT TO THIS CONTRACT NOR THE RESULTS OF ANY TREATMENT OR SERVICE IT PERFORMS HEREUNDER.
- 10. FORCE MAJEURE. Any delays or failure by BJ Services in the performance of this contract shall be excused if and to the extent caused by war, fire, flood, strike or other labor trouble, accident, riot, acts of God, or any other cause beyond the reasonable control of BJ Services.
- 11. CHEMICAL DISPOSAL. Customer agrees that all chemicals used in performance of this contract which are not removed from the location of the well by BJ Services shall be disposed of by Customer in accordance with all applicable federal, state and local laws and regulations.

12. LIABILITY AND INDEMNITY OBLIGATIONS.

(A) BJ SERVICES SHALL PROTECT, DEFEND, INDEMNIFY, HOLD HARMLESS AND RELEASE CUSTOMER, ITS PARENT, SUBSIDIARY AND AFFILIATED COMPANIES AND ITS AND THEIR OFFICERS, DIRECTORS AND EMPLOYEES ("CUSTOMER GROUP") FROM AND AGAINST ALL CLAIMS, DEMANDS, LOSSES, LIABILITIES, PENALTIES, COSTS, EXPENSES (INCLUDING REASONABLE ATTORNEYS' FEES) AND CAUSES OF ACTION OF EVERY KIND AND CHARACTER (COLLECTIVELY, "CLAIMS") ARISING IN FAVOR OF (I) BJ SERVICES' EMPLOYEES OR THE EMPLOYEES OF BJ SERVICES' SUBCONTRACTORS ON ACCOUNT OF BODILY INJURY, DEATH OR DAMAGE TO PROPERTY OR (II) BJ SERVICES ON ACCOUNT OF DAMAGE TO BJ SERVICES' PROPERTY, EXCEPT AS OTHERWISE PROVIDED BELOW, INCLUDING, IN EACH CASE, CLAIMS CAUSED BY THE SOLE, JOINT AND/OR COMPARATIVE NEGLIGENCE, STRICT LIABILITY OR OTHER FAULT OF CUSTOMER GROUP.

(B) CUSTOMER SHALL PROTECT, DEFEND, INDEMNIFY, AND HOLD HARMLESS AND RELEASE BJ SERVICES, ITS PARENT, SUBSIDIARY AND AFFILIATED COMPANIES AND ITS AND THEIR OFFICERS, DIRECTORS AND EMPLOYEES OF ITS EMPLOYEES OR THE EMPLOYEES OF CUSTOMER'S CHIPLOYEES OR THE EMPLOYEES OF CUSTOMER'S OTHER CONTRACTORS OR THEIR SUBCONTRACTORS ON ACCOUNT OF BODILY INJURY, DEATH OR DAMAGE TO PROPERTY, OR (II) CUSTOMER ON ACCOUNT OF LOSS OR DAMAGE TO CUSTOMER'S PROPERTY, EXCEPT AS OTHERWISE PROVIDED BELOW, INCLUDING, IN EACH CASE, CLAIMS CAUSED BY THE SOLE, JOINT AND/OR COMPARATIVE NEGLIGENCE, STRICT LIABILITY OR OTHER FAULT OF BJ SERVICES GROUP.

(C) CUSTOMER SHALL PROTECT, DEFEND, INDEMNIFY, HOLD HARMLESS AND RELEASE BJ SERVICES GROUP FROM AND AGAINST ANY CLAIMS FOR POLLUTION OR CONTAMINATION, INCLUDING THE CLEANUP OR REMOVAL THEREOF ARISING OUT OF OR CONNECTED WITH THE PERFORMANCE BY BJ SERVICES OF SERVICES FOR THE CUSTOMER (AND NOT ASSUMED BY BJ SERVICES IN THE FOLLOWING SENTENCE) INCLUDING BUT NOT LIMITED TO CLAIMS THAT MAY RESULT FROM WELL FIRE, BLOWOUT, CRATERING, SEEPAGE OR ANY OTHER UNCONTROLLABLE FLOW OF OIL, GAS, WATER OR OTHER SUBSTANCES, INCLUDING CLAIMS CAUSED BY THE SOLE, JOINT ANDIOR COMPARATIVE NEGLIGENCE, STRICT LIABILITY OR OTHER FAULT OF BJ SERVICES GROUP. BJ SERVICES SHALL PROTECT, DEFEND, INDEMNIFY, HOLD HARMLESS CUSTOMER GROUP FROM AND AGAINST ANY CLAIMS FOR POLLUTION OR CONTAMINATION, INCLUDING THE REMOVAL THEREOF, ORIGINATING ABOVE THE SURFACE OF THE EARTH FROM SPILLS, LEAKS OR DISCHARGES OF FUELS, LUBRICANTS, MOTOR OILS, PIPE DOPE, PAINT, SOLVENTS, SLUDGE OR GARBAGE IN THE POSSESSION AND CONTROL OF BJ SERVICES AND ASSOCIATED WITH CONTRACTORS' EQUIPMENT AND FACILITIES, EXCEPTING ANY POLLUTION IN RESERVE PITS FROM FLOWBACK INCIDENT TO BJ. SERVICES' OPERATIONS.

(D) CUSTOMER SHALL PROTECT, DEFEND, INDEMNIFY, HOLD HARMLESS AND RELEASE BJ SERVICES GROUP FROM AND AGAINST ANY AND ALL CLAIMS ARISING IN FAVOR OF CUSTOMER OR ANY THIRD PARTY INCLUDING, BUT NOT LIMITED TO, ANY GOVERNMENTAL ENTITY OR PARTY FOR WHOM CUSTOMER IS ACTING (INCLUDING CUSTOMERS CO-WORKING INTEREST OWNERS) FOR ALL DAMAGES OR LOSSES RESULTING FROM PRODUCTS, SERVICES OR EQUIPMENT PROVIDED BY BJ SERVICES ON ACCOUNT OF (I) LOSS OF THE HOLE, (II) DAMAGE OR INJURY TO ANY DOWNHOLE PROPERTY OR ANY PROPERTY RIGHT IN OR TO OIL, GAS OR OTHER SUBSTANCES OR WATER (III) LOSS OR DAMAGE TO, OR CONTAMINATION OF, ANY FORMATIONS, STRATA OR RESERVOIRS BENEATH THE EARTH'S SURFACE, (IV) SUBSURFACE TRESPASS OR (V) ANY OTHER SIMILAR LOSSES OR DAMAGES, AND WITHOUT REGARD TO THE NEGLIGENCE OF ANY PARTY OR PARTIES, INCLUDING, IN EACH CASE, CLAIMS CAUSED BY THE SOLE JOINT AND/OR COMPARATIVE NEGLIGENCE, STRICT LIABILITY OR OTHER FAULT OF BJ SERVICES GROUP.

(E) CUSTOMER WILL ASSUME LIABILITY FOR BJ SERVICES' EQUIPMENT WHICH MAY BE LOST OR DAMAGED IN THE HOLE, REGARDLESS OF ANY NEGLIGENCE OF ANY PARTY, AND WILL AT ITS OWN EXPENSE AND RISK ATTEMPT TO RECOVER SUCH EQUIPMENT. THE VALUE OF ANY UNRECOVERABLE, LOST OR DAMAGED EQUIPMENT SHALL BE REIMBURSED BY CUSTOMER AT THE FAIR MARKET VALUE ON THE DATE OF LOSS OF SUCH EQUIPMENT, BUT IN NO EVENT AT A VALUE LESS THAN 50% OF THE THEN CURRENT REPLACEMENT COST.

(F) BJ SERVICES AND CUSTOMER AGREE TO SUPPORT THEIR INDEMNITY OBLIGATIONS HEREIN BY FURNISHING LIABILITY INSURANCE COVERAGE OR QUALIFIED SELF INSURANCE IN AN AMOUNT OF NO LESS THAN \$2,000,000. HOWEVER BJ SERVICES AND CUSTOMER AGREE AND INTEND THAT, TO THE FULLEST EXTENT ALLOWED FROM TIME TO TIME BY APPLICABLE LAW, THEIR RESPECTIVE INDEMNITIES UNDER THESE TERMS AND CONDITIONS ARE TO APPLY WITHOUT LIMIT, AND ARE NOT TO BE LIMITED TO THE AMOUNT OF INSURANCE EITHER OF THEM MAY FROM TIME TO TIME MAINTAIN OR AGREE TO MAINTAIN. IF IT SHOULD BE DETERMINED THAT THE INDEMNITY OBLIGATIONS ASSUMED HEREUNDER THAT ARE TO BE SUPPORTED EITHER BY INSURANCE OR SELF INSURANCE EXCEEDS THAT WHICH IS PERMITTED UNDER APPLICABLE LAW, THEN SUCH INDEMNITIES SHALL AUTOMATICALLY BE AMENDED TO CONFORM TO THE MONETARY LIMITS PERMITTED UNDER SUCH LAW.

- 13. CONFIDENTIAL INFORMATION. Customer and BJ Services will use their best efforts to maintain the confidentiality of all records and proprietary information obtained by either party in the performance of any services by BJ Services. Such information will not be disclosed by either party to its employees unless it is necessary in order to perform or evaluate such services, or to any third parties without the prior consent of the other party.
- 14. WAIVER. (A) Neither BJ Services nor Customer will be liable to the other for special, incidental, indirect or consequential damages resulting from or arising out of the products or equipment provided or the services performed by BJ Services hereunder, including but not limited to, loss of profit or revenue or business interruption losses, whether or not arising under an alleged breach of warranty or caused by the sole, joint and/or comparative negligence, strict liability or other fault of either party.
 - (B) Customer represents that it is a business consumer purchasing products and services from BJ Services for commercial use, that it has experience in business matters that enable it to evaluate the merits and risks of the purchase of such products and services, and that it is not in a significantly disparate bargaining position. Customer waives the provisions of the Texas Deceptive Trade Practices Act (other than section 17), as from time to time amended.
- 15. GOVERNING LAW. This contract shall be governed by the law of the State of Texas.

CEMENT JOB REPORT



Shoe Test (Update Original Tr	reatment Report for Primary Job)
Depth Drilled out of Shoe: FT	Target EMW: LBS/GAL Actual EMW: LBS/GAL
Number of Times Tests Conducted:	Mud Weight When Test was Conducted: LBS/GAL
Problems Refere Joh (LE Dispoins Cooins Circulating Well ETC)	

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)

		PRESSURE	RATE DETAIL	-	EXPLANATION								
TIME	PRESSU	IRE - PSI	RATE	Bbl. FLUID	FLUID	SAFETY MEETING: BJ CREW X CO. REP. X							
HR:MIN.	PIPE	ANNULUS	BPM	PUMPED	TYPE	TEST LINES 5000 PSI							
						CIRCULATING WELL - RIG X BJ							
09:10	0	0	0	!	! -	JOURNEY MAMAGEMENT							
09:20	0	0	0	0	0	LEAVE YARD							
12:25	0	0	0	0	0	ARRIVE ON LOCATION							
12:30	0	0	0	0	0	RIG UP MEETINING RIG UP							
01:00	0	0	0	0	0	WAIT FOR CASING TO BE RAN							
06:30	0	0	0	0	0	FINISH RIGGING UP							
07:35	0	0	0	0	0	PRE JOB MEETING							
07:59	5000	0	0	0	0	PRESSURE TEST							
08:01	0	0	5.8	10	WATER	SURFACTANT WASH							
08:05	219	0	5.8	20	WATER	MUD CLEAN							
08:09	257	0	5.8	10	WATER	SURFACTANT WASH							
08:14	245	0	4	100	CEMENT	LEAD SLURRY							
08:30	507	0	6.3	200	CEMENT	LEAD SLRY RATE AND PSI CHECK							
08:47	565	0	6.7	245	CEMENT	LEAD SLRY RATE AND PSI CHECK							
09:01	450	0	5.2	57	CEMENT	TAIL SLURRY							
09:13	0	0	0	0	DISP	SHUTDOWN DROP PLUG							
09:21	441	0	7		DISP	DISPLACEMENT							
09:35	775	0	7.4	100	DISP	DISPLACMENT							
09:50	750	0	3.5	200	DISP	DISPLACEMENT							
10:15	1025	0	6	300	DISP	DISPLACEMENT							
10:28	1197	0	2	380	DISP	SLOW DOWN							
10:31	1993	0	0	392	DISP	BUMP PLUG							
10:40	0	0	0	0	0	RIG DOWN							
00:00	0	0	0	0	0	THANK YOU FROM JD AND CREW							
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT Service Supervisor Signature:							
Y N	1993	Y N	0	734	0	YN							

CEMENT JOB REPORT



CUSTOMER	Patara O	il & Gas, LLC		11 F.I	R.# 10	1834970)		SE	RV. SUP	/ . ၂	IASON E	3 THOMAS			
LEASE & WEL	L NAME			LOCATION						co	UNTY-P	ARISH	I-BLOC	K		
	36-13 - AF	1 43037500800000		36-31S-24E							San Juan					
DISTRICT Farmington				DRILLING CON Froniter Drillin		R RIG #					PE OF JO Long Strin					
	TYPE O	F PLUGS					LSL	URRY PR	OPE							
BJ Cement Pl	ug, Rubb	er, Top 7 in	Float Collar,	Al Flap, 7 - 8rd		SACK		URRY VGT	SLUR YLD		WATE GPS		PUMP TIME	Bbl SLURR	- 1	Bbl MIX
			Float Shoe 7	' - 8rd		CEMEN		PG	FT ³		0.0		R:MIN	o z o i i i		WATER
		MATERIALS FU	IRNISHED B	Y BJ												
Ultra Flush II								14.5							22	
Fresh Water	+ 1gpt Cl	aytreat 3C						8.34							5	
Class G Cem	ent w/Ad	ditives		1:	20	15.8		1.17	4	.98	03:21	25.0	01	14.24		
Fresh Water	+ 1 gpt C	laytreat 3C						8.4						285	5.7	
Available Mix	Water_	400 Bbl.	Available Di	spl. Fluid 40	00 Bbl.	-					Т	OTAL		337.7	71	14.24
	HOLE				TBG-CSG-									R DEPTHS		
SIZE 8.5	% EXCE 40	SS <u>DEPTH</u> 7947	SIZE	WGT. 7 32	CSG	PE	DEPTH 70	955 P-1	GRADE		SHO	<u>E</u> 7955	FI	7912.6	S	TAGE 1
	AST CAS		1	R-CMT RET-BR P			PERF. D		110	TO	CONN	1 333	1	WELL FLU	IID	
SIZE WG		PE DEPTH		AND & TYPE			OP	BTM	SIZ		THREAL	.	TYPE	WELL FLU	טונ <u>.</u>	WGT.
	.5 CSG		No Packer			0	0		0	7				ED MUD		13.9
DISPL. VOI	UME	DISP	L. FLUID	CAL. PSI	CAL. MA	AX PSI OF	. MAX	M	AX TBG	PSI		MAX	CSG F	PSI		MIX
VOLUME	UOM	TYPE	WG	r. BUMP PLUC	TO R	EV. S	Q. PSI	RATI	ED O	perat	tor R	ATED	0	perator	V	NATER
285	BBLS	Fresh Water + 1 g	pt C	8.4 2417		0 0 0			0		0	996	8	3500		and Tank
				Circ	culation	Prior to	Job									
Circulated V	Vell: R	tig X I	SJ X			Circulati	on Time	: 1.5	;		С	rculat	tion Rat	ie: 5 Bl	PM	
Mud Density	/ ln: 13	3.9 LBS/G Mu	d Density Ou	t: 13.9 LBS/0	GAL GAL	PV & YF	Mud In	: 58			F	V & Y	'P Mud	Out: 58	3	
Gas Presen	t: NO	X YES	Unit	s:		Solids F	resent a	at End c	of Circula	ation:		NO	X	YES		
				Displa	cement	And Mu	d Ren	noval								
Displaced	Ву:	Rig	BJ X			Amount	Bled Ba	ck Afte	r Job:		2.5 BBI	.S				
Returns Du	ring Job:	NONE	P/	ARTIAL X F	-ULL	Method	Jsed to	Verify F	Returns:		Visual					
Cement Ret	urns at S	urface:		X NO		Were R	eturns P	Planned	at Surfa	ice:)	N)	YES		
Pipe Moven	nent:	ROTATION	X RECIPE	ROCATION	NONE	UNA	BLE DU	JE TO S	STUCK F	PIPE						
Centralizers	:	X NO	YES		Qu	antity:					Туре:		BOW	R	IGID	1
Job Pumpe	d Throug	h: CHOK	E MANIFOLI	SQUEEZ	ZE MANIFO	OLD X	MANIF	FOLD	N	O M	ANIFOLD)				
					PI	ugs										
Number of At				ition: 0		Wiper Ba		d:	X NO		YE	s (Quantity	y:		
Plug Catcher		X NO	YES			Parabow			X NO)	YE	_				
Was There a	Bottom:	X NO	YES			Top of P	ug: 0	FT			Bottom	of Plu	g: 0 f	-T		
		;	Squeezes	(Update Orig	inal Tre	atment	Report	t for F	rimar	y Jo	b)					
BLOCK SQU	EEZE	SHOE SQ	UEEZE [TOP OF LI	NER SQU	JEEZE		PLANN	NED		UNPLA	NED				
Liner Packer:		X NO Y	ÆS	Bo	nd Log:	X NO	YE	ES	PSI App	olied:		Flui	d Weig	ht: LBS	S/GAI	L
		C	asing Tes	t (Update Or	iginal T	reatmen	Repo	ort for	Prima	ry J	lob)					
Casing Test F	Casing Test Pressure: 0 PSI With 0 LBS/GAL Mud Time Held: 00 Hours 00 Minutes															
Shoe Test (Update Original Treatment Report for Primary Job)																
Depth Drilled	out of Sh	noe: 0 FT				Target El	/W: 0	LBS/C	GAL		Actual	EMW	': 0 LE	BS/GAL		
Number of Ti	mes Test	s Conducted:	0			Mud Wei	ght Whe	en Test	was Cor	nduct	ed:	0 LE	S/GAL			
		BLE SETTING TOC		CSG, ETC. PRIC	OR TO CE	MENTING:	Casing	g crew h	nad prob	olems	s before	we arı	rived or	n location	. Gra	ınd Jucti

CEMENT JOB REPORT



Problems Before Job (I.E. Running Casing, Circulating Well, ETC)

Casing crew had problems before we arrived on location. Grand Juction's bulk truck broke down on way to location. Truck coming with air compressor broke down on way to location.

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

Did Not Bump Plug went 1 bbl over cap to try and pump plug.

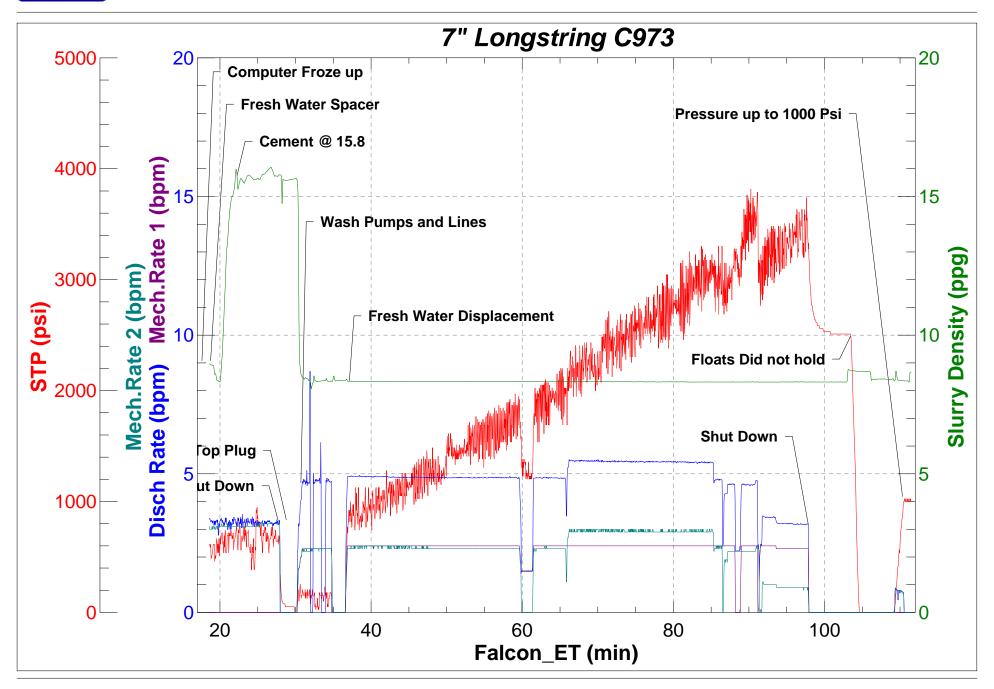
Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)

Floats Did Not Hold.

PRESSURE/RATE DETAIL							EXPLANATION										
TIME	PRESSU	RE - PSI	RATE	Bbl. FLUID	FLUID	SAFETY MEI	TING: B.	J CREW	X	CO. F	₹EP.	. [Х				
HR:MIN.	PIPE	ANNULUS	ВРМ	PUMPED	TYPE	TEST LINES		4500 P	SI				,				
						CIRCULATIN	G WELL -	RIG	X	В	J		X				
16:30	0	0	0	0	N/A	ARRIVED ON LOCATION											
16:30	0	0	0	0	N/A	PRE-RIG UP	SAFETY N	MEETIN	G								
17:00	0	0	0	0	N/A	READY TO S	ERVICE										
17:00	0	0	0	0	N/A	WAITING ON	CASING '	TO FINI	ISH R	UNNII	VG (CA	IISA	١G			
08:45	0	0	0	0	N/A	SAFETY MEE	TING										
09:18	50	0	2.5	0	H20	STAGE FRES	H WATEF	R TO PI	Т								
09:23	4500	0	0	5	H20	PRESSURE T	EST LINE	S									
09:29	632	0	3	0	SPACER	STAGE ULTR	A FLUSH	II @ 14	.5 LB								
09:36	531	0	3	22	H20	STAGE FRES	H WATEF	R SPAC	ER								
09:38	640	0	3	5	CMT	STAGE LEAD	CEMENT	@ 15.8	3								
09:45	0	0	0	25	CMT	SHUT DOWN											
09:45	50	0	3	0	H20	WASH PUMPS AND LINES											
09:55	0	0	0	15	H20	DROP TOP PLUG											
09:55	960	0	5	0	H20	STAGE FRES	H WATEF	R DISPL	ACEN	JENT							
10:05	1255	0	5	50	H20	STAGE FRES	H WATEF	R DISPL	ACEN	JENT							
10:16	1517	0	5	50	H20	STAGE FRES	H WATER	R DISPL	ACEN	JENT							
10:27	2330	0	5.5	50	H20	STAGE FRES	H WATER	R DISPL	ACEN	JENT							
10:36	2663	0	5.5	50	H20	STAGE FRES	H WATER	R DISPL	ACEN	JENT							
10:45	2817	0	4	50	H20	STAGE FRES	H WATEF	R DISPL	ACEN	JENT							
10:53	3150	0	3	25	H20	STAGE FRES	H WATER	R DISPL	ACEN	JENT							
10:56	2685	0	0	11.5	H20	SHUT DOWN	OVER D	ISPLAC	ED B	Y 1 BE	3L						
10:58	0	0	0	0	H20	BLEED OFF F	PRESSUR	E									
10:58	0	0	0	0	H20	FLOWED BAG	CK 2.5 BB	LS									
10:59	0	0	0	0	H20	FLOATS DID	NOT HOL	.D									
10:59	0	0	0	0	N/A	TOP OF LEAD	CEMEN	T @ 692	20'								
10:59	0	0	0	0	N/A	TOP OF ULTI	RA FLUSH	HII @ 59	946'								
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	ON TOP OUT Service Supervisor Signature:											
Y N		Y N	0	342	0	Y N											

Customer: Patara

Well Name: Cisco State 36-13



FORM 9

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: ML 48737
SUNDRY NOTICES AND REPORTS ON W	ELLS 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such pro	e depth, reenter plugged wells, or to posals.
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: Cisco State 36-13
2. NAME OF OPERATOR:	9. API NUMBER:
Patara Oil & Gas, LLC	4303750008
3. ADDRESS OF OPERATOR: 600 17th Street, Ste 1900S CITY Denver STATE CO ZIP 80202 4. LOCATION OF WELL	PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: Wildcat
FOOTAGES AT SURFACE: 1,158 FNL 1,543 FEL	соинту: San Juan
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 36 31S 24E S	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATUR	RE OF NOTICE, REPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION
✓ NOTICE OF INTENT □ ACIDIZE □ DEEPE	REPERFORATE CURRENT FORMATION
	TURE TREAT SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW C	CONSTRUCTION TEMPORARILY ABANDON
7/21/2011 CHANGE TO PREVIOUS PLANS OPER	ATOR CHANGE TUBING REPAIR
	AND ABANDON ENTOR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG	BACK WATER DISPOSAL
	JCTION (START/RESUME) WATER SHUT-OFF
	MATION OF WELL SITE OTHER: Completion
CONVERT WELL TYPE RECOI	MPLETE - DIFFERENT FORMATION OPERATIONS
Patara Oil & Gas, LLC (Patara) proposes to initiate completion actividrilling rig. Anticipated start date for operations is July 21, 2011. Pata The Utah Division of Oil, Gas, & Mining (UDOGM): Perforate at the following intervals with 4 spf, and perform DFIT testi 7,606' - 7,613' - 4 spf 7,621' - 7,626' - 4 spf Patara will then perforate the following intervals: 7,588' - 7,590' - 4 spf 7,632' - 7,636' - 4 spf 7,632' - 7,636' - 4 spf and install 2-7/8" 6.5# N-80 tubing, set at 7,558', and swab test. Upon completion operations, Patara will test the subject well for econonce well characteristics are known.	ties on this well, immediately following removal of the ara will perform the following actions, with approval from ng: COPY SENT TO OPERATOR Date: Initials:
Please contact John Warren at 303-563-5369, or at jwarren@patara	og.com with any concerns. Thank you.
NAME (PLEASE PRINT) Christopher Noonan	TITLE Production Technician
SIGNATURE LAST MAN	DATE 7/21/2011
This space for State use on PPROVED BY THE STATE	RECEIVED
OF LITAH DIVISION OF	
OIL, GAS, AND MINING	JUL 2 6 2011
DATE: 8/9/2011	

(5/2000)

DIV. OF OIL, GAS & MINING

No. of the last of		Patara Oil &	Gas, LLC		
REV. DATE		AS DRILLED WELLBOR Cisco State 3 API No. 43-037- SHL: 1,158 FNL 1 Sec. 36 T31N I	E SCHEMATIC 6-13 50008 543 FEL	DRAWN APP'D SCALE DATE	C. Noonan J. Warren Not Drawn to Scale 7/21/2011
		San Juan County	/, Utah		SHEETS SHEET
SPUD DATE June 7, 2011 ELEVATION Ground - 5,992' RKB - ±6,013' CONDUCTOR CASING 20" 63# 1/4wt SURFACE CASING 13-3/8" 54.5# J-55 ST&C INTERMEDIATE CASING 9-5/8" 47# HCN-80 LT&C PRODUCTION CASING 7" 32# P-110 LT&C TUBING 2-7/8" 6.5# N-80	ESTIMATED FORMATION TOPS Top of Uintah 0' - Projected		Conductor Casing 60" - 20" Cement to surface Sufrace Casing 1,491" - 13-3/8" Cement to surface v Intermediate Casing 5,397" - 9-5/8" Cement from 5,397" to	vith 818 sks Type	
	Top of Barker Creek 5,908' Top of Alkali Gulch 7,224' Top of Cane Creek 7,846'	Total Vertical Depth - 7,5 Total Measured Depth -		Perforation Dat 7,588' - 7,590' - 7,600' - 7,603' - 7,606' - 7,613' - 7,621' - 7,626' - 7,632' - 7,636' -	4 spf 4 spf 4 spf 4 spf 4 spf 4 spf
Please note: Existing well features in black Key well features in blue Proposed chagnes in red					

Cisco State 36-13 Section 36-T31S-R24E San Juan County, Utah

Completion Testing Procedure

Well Status:

New well drilled to test the Cane Creek Shale. Production casing has been run and cemented with TOC at 6970'. Cement was not raised to the intermediate casing as plans are to remove the 7" casing after tests are completed.

Wellbore schematic is attached.

Casing is filled with fresh water treated with Clay Sta.

GL = 5992' Casing Capacity = 0.0360 bbls/ft KB = 6013' Tubing Capacity = 0.00387 bbls/ft

Proposed Test Procedure:

- 1. RU Lone Wolf and RIH w/ CBL. Original plan was to pressure 2nd pass to 1000 psi and rerun CBL. Due to the wiper plug not latching on the cement job, the casing had been pressured to 1000 during final cementing. To reduce microannulus, pressure casing to max pressure seen during cementing job (3400 psi). Rerun CBL under 3400 psi pressure.
- 2. Offload 2 7/8" 6.5#/ft N-80 8rd work string. Set two frac tanks, one for circ fluid into during cleanup and the other tank to load w/ 400 bbls of 6% KCL water.
- 3. RU Monument workover rig. NU BOPE. MU casing scraper and TIH. Tag plug and record PBTD.
- 4. RU N2 Unit and displace out fluid to frac tanks.
- 5. POOH w/ tbg and LD scraper.
- RU Lone Wolf Wireline and lubricator. Pressure up on csg to 1500 psi w/ N2. MU lubricator. RIH w/ steel carrier casing guns and perforate 4 jspf at 90 degree phasing from 7621 – 7626'. Record any pressure change. POOH and RD Lone Wolf Wireline.

- 7. Bleed off pressure. If well is flowing, allow the well to continue flowing and obtain samples of any oil. If well is not flowing, MU SN, 1 jt tbg, retrievable packer and TIH. Set packer at 7570'. EOT at 7602'.
- 8. Fill annulus w/ 6% KCL from the frac tanks. Fluid pressure on pkr in annulus would be approximately 3570 psi. Pressure up on annulus with the rig pump an additional 1430 psi to test pkr seal at 5000 psi BHP. SI pressure on backside and have it monitored during the DFIT test. Do not bleed it off until the ENTIRE testing procedure on the first DFIT test is finished and the gauges are removed.
- 9. The Baker Hughes DFIT test proposal is attached. RU BJ pump truck and all pressure gauges and transducers per the proposal. Test all equipment to be sure that it is all working before initiating pumping. Follow the DFIT test proposal to the exact detail. Once tbg and csg is filled w/ 6% KCL water, be sure to allow all air to be displaced before starting the DFIT test. The test will only pump 10 bbls 6% KCL at 2-3 BPM into the formation. REMEMBER the leak off portion of the test is even more important than the injection portion of the test. Be sure that everything gets shut in properly to monitor the leak off for 120 hours. RD Baker's pump truck. Leave gauges in place to record the leak off for the entire period.
- 10. After the 120 hour leak off, have Baker Hughes download the data and remove their gauges and transducers. Do not work on any piping until these sensitive instruments are removed.
- 11. Bleed off annular pressure. Release packer and lower end of tbg to below the existing perfs. RU N2 Unit and unload KCL water back into frac tanks.
- 12. TOOH and LD packer.
- 13.RU Lone Wolf Wireline and lubricator. Pressure up on csg to 1500 psi w/ N2 unless existing perfs drain off the pressure. MU lubricator. RIH w/ steel carrier casing guns and perforate 4 jspf at 90 degree phasing from 7606 7613'. Record any pressure change. POOH.
- 14.RIH w/ wireline-set RBP. Set plug between the sets of perforations with top of RBP at 7616'. POOH and RD Lone Wolf Wireline.

- 15.MU SN, 2 jts tbg, retrievable packer and TIH. Set packer at 7520'. EOT @ 7583'.
- 16. Fill annulus w/ 6% KCL from the frac tanks. Fluid pressure on pkr in annulus would be approximately 3540 psi. Pressure up on annulus with the rig pump an additional 1460 psi to test pkr seal at 5000 psi BHP. SI pressure on backside and have it monitored during the DFIT test. Do not bleed it off until the ENTIRE testing procedure on the second DFIT test is finished and the gauges are removed.
- 17. The Baker Hughes DFIT test proposal is attached. RU BJ pump truck and all pressure gauges and transducers per the proposal. Test all equipment to be sure that it is all working before initiating pumping. Follow the DFIT test proposal to the exact detail. Once tbg and csg is filled w/ 6% KCL water, be sure to allow all air to be displaced before starting the DFIT test. The test will only pump 10 bbls 6% KCL at 2-3 BPM into the formation. REMEMBER the leak off portion of the test is even more important than the injection portion of the test. Be sure that everything gets shut in properly to monitor the leak off for 120 hours. RD Baker's pump truck. Leave gauges in place to record the leak off for the entire period.
- 18. After the 120 hour leak off, have Baker Hughes download the data and remove their gauges and transducers. Do not work on any piping until these sensitive instruments are removed.
- 19. Bleed off annular pressure. Release packer and lower end of tbg to 7650'. RU N2 Unit and unload KCL water back into frac tanks.
- 20. POOH and LD packer.
- 21.RU Lone Wolf Wireline and lubricator. Pressure up on csg to 1000 psi w/ N2 unless existing perfs drain off the pressure. MU lubricator. RIH w/ steel carrier casing guns and perforate 4 jspf:

7632 - 7636

7600 - 7603'

7588 - 7590

22. RD Lone Wolf Wireline.

- 23. MU SN and TIH. Hang off tbg at 7550'. ND BOPE and NU tree (tree is ready at FMC in Farmington). Swab off any fluid and determine if well will flow. Recover oil samples and measure gas should the well flow or produce samples.
- 24. RD rig and return all rental equipment. SI well until further work is ordered.



Proposal No: 568250922B

Patara Oil & Gas LLC CISCO STATE #36-13

API # 43-037-50008-0000 WILDCAT Field 36-31S-24E San Juan County, Utah July 20, 2011

Well Proposal

Prepared for:

John Warren Patara Oil and Gas

Prepared by:

Dave Smith

Region Technical Rep.

Bus Phone: 303-200-6675

Email:

dsmith@bjservices.com

Mobile:

303-919-1887



Service Point:

Grand Junction

Bus Phone: (970) 241-0592

(970) 241-2144

Fax:

Service Representatives:

Gordon Reid

Executive Account Manager

Denver, Colorado

Steve Phillips

Senior District Sales Supv. Grand Junction, Colorado

Operator Name: Well Name: Job Description:

Patara Oil & Gas LLC CISCO STATE #36-13

CISCO STATE #36-13

Date:

Diagnostic Injection Test - 7621-7626 ft.

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July 20, 2011

Proposal No: 568250922B

JOB AT A GLANCE

Surface Treating Pressure (max)

3,923 psi

Total Rate (max)

4.00 bpm

Estimated Pump Time (HH:MM)

00:41

Injection Fluid

1,083 gals

Treated Water

Operator Name: Well Name:

Patara Oil & Gas LLC CISCO STATE #36-13

Job Description:

Diagnostic Injection Test - 7621-7626 ft.

Date:

July 20, 2011



Proposal No: 568250922B

WELL DATA

RESERVOIR DATA

FormationCane CreekDepth to Middle Perforation7,624 ftFracture Gradient0.90 psi/ftBottom Hole Fracture Pressure6,861 psiBottom Hole Static Temperature196 ° F

PERFORATED INTERVAL

DEP	TH(ft)	Shots per Foot	Perf Diameter	Total Perfs
MEASURED	TRUE VERTICAL		(in)	
7,621 - 7,626	7,621 - 7,626	4	0.40	20

Total Number of Perforations20Total Feet Perforated5 ft

 TUBULAR GEOMETRY
 Top
 Bottom

 Casing
 7" O.D. (6.094" .I.D)
 32 # J-55
 0 7,912

 Tubing
 2 7/8" O.D. (2.441" .I.D)
 6.5 # N-80
 0 7,600

End of Tubing 7,600 ft
Pump Via Tubing

Confirm well data with customer representative prior to pumping

Operator Name: Well Name: Job Description:

Date:

Patara Oil & Gas LLC CISCO STATE #36-13

Diagnostic Injection Test - 7621-7626 ft. July 20, 2011 B

Proposal No: 568250922B

FLUID SPECIFICATIONS

Injection Fluid: Treated Water

1,083 Gallons

Components:

1 gpt

ALPHA 452

Bacteria Control Product

Base fluid will be customer supplied KCL water (measure the fluid density for accurate hydrostatic calculation)

Report Printed on: July 20, 2011 9:54 AM

DIAGNOSTIC TEST PROCEDURE

Review DataTrap gauge software to ensure .dtf file is deleted (datatrap generates a new one each time) and it is set to record 1 second data. **Note: JobMaster must be set up this way also to be able to merge the rate and pressure data after the injection.**

Pressure test surface lines to ~1,000 psi over customer maximum pressure specification (ensure DataTrap is working correctly at this time).

Load Hole and obtain break/pump-in @ ~2-3 bpm, monitor and record pressure, rate and volume at this point.

Maintain 3-4 bpm for ~2 minutes (**injected** fluid volumes should not exceed 10 bbls as volume affects closure time and after closure evaluation).

NOTE: Do not chase rate, it is more important to have a stabilized pressure.

Shut-down, monitor and record ISIP.

Close pump isolation valve(s) and monitor and record 5-30 minute SIP's (ensure DataTrap gauge is working properly at this time).

NOTE: Strap and record the actual volume of fluid pumped.

Shut-in well for 120 hour pressure fall-off. (do not attempt to bleed any pressure or flow well back during shut-in period).

Supply and leave all connections (Swedge, Tee and Valve) for well-head and data trap on location until data trap gauge is removed.

NOTE: If possible Data Trap should be installed on a wing valve on the tree.

Inspect Data Trap to ensure it is not leaking as this will affect the pressure fall off data.

DO NOT hammer on the data trap gauge, it is to be installed after everything is made up. It is a crystal gauge and will be damaged if struck. Also bleed it off and remove it prior to rigging it down after the test is complete.

You must have at least **one** (two is preferred) pressure transducer between the wellhead and isolation valve(s) to monitor pressure falloff after shutdown.

Email JobMaster files and daily DataTrap data to Dave Smith in Denver Region Office (<u>David.Smith5@bakerhughes.com</u>) as soon as possible.

Operator Name: Well Name: **Job Description:**

Date:

Patara Oil & Gas LLC CISCO STATE #36-13

Diagnostic Injection Test - 7621-7626 ft.

July 20, 2011

Proposal No:

ACID TREATMENT SCHEDULE

INPUT PARAMETERS

TVD Depth (Mid Perforation)	7,624 ft
MD Depth (Mid Perforation)	7,624 ft
Perforations Number	20
Perforation Diameter	0.400 in
Bottom Hole Frac Pressure	6,861 psi
Bottom Hole Static Temperature	196 ° F

Top Bottom Casing 7" O.D. (6.094" I.D.) 32 # J-55 0 7,912 2 7/8" O.D. Tubing (2.441" I.D.) 6.5 # N-80 7,600

CALCULATED RATES, PRESSURES & HHP REQUIREMENTS

	<u>Maximum</u>	<u>Minimum</u>	<u>Average</u>
Surface Treating Pressure (psi)	3,924	3,562	3,606
Slurry Rate (bpm)	4.0	0.0	0.6
Slurry Hydraulic Horsepower	385	1	56

PROCEDURE

	Fluid		Diverting Agents							
Stage	Туре	Volume (gal)		Туре	Stage (volume)	Cum (lbs)	Cum (b.s.)			
1	Treated Water	500		Load Hole						
2	Treated Water	150	Ī	Breakdown						
3	Treated Water	420		Diagnostic Injection						
4	Treated Water	13		Isip-Shut-In						
Total		1083								

Operator Name: Well Name: **Job Description:**

Date:

Patara Oil & Gas LLC CISCO STATE #36-13

Diagnostic Injection Test - 7621-7626 ft.

July 20, 2011



Proposal No:

ACID TREATMENT SCHEDULE

TREATMENT SCHEDULE

	Surface		Rates		Volume					
	Treating	Slurry	Clean	Divertor	Slu	Slurry Fluid		iid	Pump	
Stage	Pressure (psi)	(bpm)	Fluid (bpm)	Rate (lb/min)	Stage (bbls)	Cum. (bbls)	Stage (bbls)	Cum. (bbls)	Time hh:mm:ss	
1	3681	2.0	2.0		11.9	11.9	11.9	11.9	00:05:57	
2	3681	2.0	2.0		3.6	15.5	3.6	15.5	00:01:47	
3	3923	4.0	4.0		10.0	25.5	10.0	25.5	00:02:30	
4	3561	0.0	0.0		0.3	25.8	0.3	25.8	00:30:57	

Total Pump Time: 00:41:11

Report Printed on:

Operator Name: Well Name: Job Description:

Date:

Patara Oil & Gas LLC CISCO STATE #36-13

Diagnostic Injection Test - 7606-7613 ft.

July 20, 2011



Proposal No: 568250922B

JOB AT A GLANCE

Surface Treating Pressure (max)

3,923 psi

Total Rate (max)

4.00 bpm

Estimated Pump Time (HH:MM)

00:41

Injection Fluid

1,083 gals

Treated Water

Operator Name: Well Name:

Patara Oil & Gas LLC CISCO STATE #36-13

Job Description:

Diagnostic Injection Test - 7606-7613 ft.

Date:

July 20, 2011



Proposal No: 568250922B

WELL DATA

RESERVOIR DATA

FormationCane CreekDepth to Middle Perforation7,610 ftFracture Gradient0.90 psi/ftBottom Hole Fracture Pressure6,849 psiBottom Hole Static Temperature196 ° F

PERFORATED INTERVAL

DEP	TH(ft)	Shots per Foot	Perf Diameter	Total Perfs
MEASURED	TRUE VERTICAL		(in)	
7,606 - 7,613	7,606 - 7,613	4	0.40	28

Total Number of Perforations28Total Feet Perforated7 ft

TUBULAR GEOMETRY				<u>Top</u>	<u>Bottom</u>
Casing	7" O.D.	(6.094" .I.D)	32 # J-55	0	7,912
Tubing	2 7/8" O.D.	(2.441" .I.D)	6.5 # N-80	0	7,600

End of Tubing 7,600 ft
Pump Via Tubing

Confirm well data with customer representative prior to pumping

Gr4119

Operator Name: Well Name: Job Description:

Patara Oil & Gas LLC CISCO STATE #36-13

Diagnostic Injection Test - 7606-7613 ft.

Date:

July 20, 2011

Proposal No: 568250922B

FLUID SPECIFICATIONS

Injection Fluid: Treated Water

1,083 Gallons

Components:

1 gpt

ALPHA 452

Bacteria Control Product

Base fluid will be customer supplied KCL water (measure the fluid density for accurate hydrostatic calculation)

DIAGNOSTIC TEST PROCEDURE

Review DataTrap gauge software to ensure .dtf file is deleted (datatrap generates a new one each time) and it is set to record 1 second data. **Note: JobMaster must be set up this way also to be able to merge the rate and pressure data after the injection.**

Pressure test surface lines to ~1,000 psi over customer maximum pressure specification (ensure DataTrap is working correctly at this time).

Load Hole and obtain break/pump-in @ ~2-3 bpm, monitor and record pressure, rate and volume at this point.

Maintain 3-4 bpm for ~2 minutes (**injected** fluid volumes should not exceed 10 bbls as volume affects closure time and after closure evaluation).

NOTE: Do not chase rate, it is more important to have a stabilized pressure.

Shut-down, monitor and record ISIP.

Close pump isolation valve(s) and monitor and record 5-30 minute SIP's (ensure DataTrap gauge is working properly at this time).

NOTE: Strap and record the actual volume of fluid pumped.

Shut-in well for 120 hour pressure fall-off. (do not attempt to bleed any pressure or flow well back during shut-in period).

Supply and leave all connections (Swedge, Tee and Valve) for well-head and data trap on location until data trap gauge is removed.

NOTE: If possible Data Trap should be installed on a wing valve on the tree.

Inspect Data Trap to ensure it is not leaking as this will affect the pressure fall off data.

DO NOT hammer on the data trap gauge, it is to be installed after everything is made up. It is a crystal gauge and will be damaged if struck. Also bleed it off and remove it prior to rigging it down after the test is complete.

You must have at least **one** (two is preferred) pressure transducer between the wellhead and isolation valve(s) to monitor pressure falloff after shutdown.

Email JobMaster files and daily DataTrap data to Dave Smith in Denver Region Office (<u>David.Smith5@bakerhughes.com</u>) as soon as possible.

Operator Name: Well Name: Job Description:

Date:

Patara Oil & Gas LLC CISCO STATE #36-13

Diagnostic Injection Test - 7606-7613 ft.

July 20, 2011



Proposal No:

568250922B

ACID TREATMENT SCHEDULE

INPUT PARAMETERS

TVD Depth (Mid Perforation)	7,610 ft
MD Depth (Mid Perforation)	7,610 ft
Perforations Number	28
Perforation Diameter	0.400 in
Bottom Hole Frac Pressure	6,849 psi
Bottom Hole Static Temperature	196 ° F

Casing 7" O.D. (6.094" I.D.) 32 # J-55 0 7,912 Tubing 2 7/8" O.D. (2.441" I.D.) 6.5 # N-80 0 7,600

CALCULATED RATES, PRESSURES & HHP REQUIREMENTS

	<u>Maximum</u>	<u>Minimum</u>	<u>Average</u>
Surface Treating Pressure (psi)	3,924	3,562	3,606
Slurry Rate (bpm)	4.0	0.0	0.6
Slurry Hydraulic Horsepower	385	1	56

PROCEDURE

	Fluid			Diverting Agents						
Stage	Туре	Volume (gal)	Conc. (pda)	. 71	Stage (volume)	Cum (lbs)	Cum (b.s.)			
1	Treated Water	500		Load Hole						
2	Treated Water	150		Breakdown						
3	Treated Water	420		Diagnostic Injection						
4	Treated Water	13]	lsip-Shut-In						
Total		1083								

Report Printed on:

Operator Name: Well Name: Job Description:

Patara Oil & Gas LLC CISCO STATE #36-13

Diagnostic Injection Test - 7606-7613 ft.

Date: July 20, 2011

Proposal No:

ACID TREATMENT SCHEDULE

TREATMENT SCHEDULE

	Surface		Rates			Stage			
	Treating	Slurry	Clean	Divertor	Slu	ırry	Fluid		Pump
Stage	Pressure (psi)	(bpm)	Fluid (bpm)	Rate (lb/min)	Stage (bbls)	Cum. (bbls)	Stage (bbls)	Cum. (bbls)	Time hh:mm:ss
1	3681	2.0	2.0		11.9	11.9	11.9	11.9	00:05:57
2	3681	2.0	2.0		3.6	15.5	3.6	15.5	00:01:47
3	3923	4.0	4.0		10.0	25.5	10.0	25.5	00:02:30
4	3561	0.0	0.0		0.3	25.8	0.3	25.8	00:30:57

Total Pump Time: 00:41:11



CONDITIONS

BJ Services' performance of services and sale of materials is expressly conditioned upon the applicability of the Terms and Conditions contained in the current BJ Services Price Book. The Terms and Conditions include, among other things, an indemnity in favor of BJ Services from Customer for damage to the well bore, reservoir damage, loss of the hole, blowouts and loss of control of the well, even if caused by the negligence or other fault of BJ Services. The Terms and Conditions also limit the warranties provided by the BJ Services and the remedies to which Customer may be entitled in the event of a breach of warranty by BJ Services. For these reasons, we strongly recommend that you carefully review a copy of the Terms and Conditions. If you do not have a copy of the BJ Services Price Book, you can view the Terms and Conditions on BJ Services Web Site, www.bjservices.com. By requesting that BJ Services perform the services described herein, Customer acknowledges that such Terms and Conditions are applicable to the services. Further, by requesting the services, Customer warrants that its representative on the well location or other service site will be fully authorized to acknowledge such Terms and Conditions by executing a Field Receipt or other document presented by BJ Services containing such Terms and Conditions.

In the event that Customer and BJ Services have executed a Master Services Agreement covering the work to be performed, such Master Services Agreement shall govern in place of the Terms and Conditions. If you are interested in entering into Master Services Agreement with BJ Services, please contact us through the "Go BJ" button on the BJ Services Web Site.

Report Printed on: JUL-20-11 09:55 Gr4175

Well Name:

Operator Name: Patara Oil & Gas LLC CISCO STATE #36-13

Date:

July 20, 2011



Proposal No: 568250922B

End of Report

Patara Oil & Gas, LLC

San Juan County, UT Section 36-T31S-R24E Cisco State 36-13 Frontier #7

Survey: Final Survey Report

Standard Survey Report

08 July, 2011



Crescent Directional Drilling, IP

Survey Report



Company: Patara Oil & Gas. LLC San Juan County, UT Project: Section 36-T31S-R24E Site: Well: Cisco State 36-13

Wellbore: Frontier #7 Design: Frontier #7 Local Co-ordinate Reference:

TVD Reference: MD Reference:

System Datum:

North Reference: **Survey Calculation Method:**

Database:

Well Cisco State 36-13

WELL @ 6013.0ft (Frontier #7 (21' KB)) WELL @ 6013.0ft (Frontier #7 (21' KB))

Minimum Curvature

EDM 2003.16 Single User Db

Project San Juan County, UT

Map System: US State Plane 1927 (Exact solution) Geo Datum:

NAD 1927 (NADCON CONUS)

Map Zone: Utah South 4303 Mean Sea Level

Section 36-T31S-R24E

Northing: 512,024.87ft Site Position: Latitude: 38° 3' 4.100 N Lat/Long 2,653,022.92ft 109° 13' 55.272 W From: Easting: Longitude: **Position Uncertainty:** 0.0 ft Slot Radius: **Grid Convergence:** 1.39°

Cisco State 36-13 Well

Well Position 0.0 ft +N/-S Northing: 512,024.87 ft Latitude: 38° 3' 4.100 N

0.0 ft +E/-W 109° 13' 55.272 W Easting: 2,653,022.92 ft Longitude:

Position Uncertainty 0.0 ft Wellhead Elevation: **Ground Level:** 6,013.0 ft 5,992.0 ft

Wellbore Frontier #7

Magnetics **Declination Dip Angle** Field Strength **Model Name** Sample Date (°) (nT) (°) IGRF2010 06/20/11 10.68 64.29 51,276

Design Frontier #7

Audit Notes:

Site

ACTUAL Version: 1.0 Phase: 0.0 Tie On Depth:

+E/-W Direction Vertical Section: Depth From (TVD) ±N/-S (ft) (ft) (ft) (°) 0.0 0.0 0.0 127.81

Date 07/08/11 **Survey Program**

> From To

(ft) (ft) Survey (Wellbore) **Tool Name** Description

5,396.0 7,947.0 Final Survey Report (Frontier #7) **MWD**

Survey Vertical Vertical Build Measured Dogleg Turn Depth Inclination Azimuth Depth +N/-S +E/-W Section Rate Rate Rate (°/100ft) (°/100ft) (ft) (ft) (ft) (°/100ft) (ft) (ft) (°) (°) 2,400.0 0.50 127.80 2,400.0 8.3 0.00 0.00 0.00 -6.4 10.5 5.396.0 0.70 127.80 5.395.8 -25.6 33.1 41.8 0.01 0.01 0.00 -25.9 5,438.0 0.20 127.80 5,437.8 33.3 42.2 1.19 -1.19 0.00 5,530.0 0.70 119.30 5,529.8 -26.2 33.9 42.9 0.55 0.54 -9.24 147.20 29.68 5,623.8 -27.1 34.8 44.1 0.40 5.624.0 0.80 0.11 5,717.0 0.80 150.00 5.716.8 -28.2 35.5 45.3 0.04 0.00 3.01 5.809.0 1.00 160.40 5.808.8 -29.5 36.1 46.6 0.28 0.22 11.30 150.50 5.901.7 -31.4 37.0 48.5 0.75 5.902.0 1.70 0.79 -10.655,994.0 2.20 149.50 5,993.7 -34.2 38.6 51.4 0.54 0.54 -1.09 2.30 6,087.0 155.30 6,086.6 -37.4 40.3 54.7 0.27 0.11 6.24 6.180.0 2.10 145.90 6.179.6 -40.5 42.0 58.0 0.44 -0.22 -10.11 6,273.0 3.00 161.80 6,272.5 -44.243.7 61.6 1.22 0.97 17.10 3.70 -49.4 45.3 0.76 6,366.0 163.10 6,365.3 66.1 0.75 1.40

Crescent Directional Drilling, IP

Survey Report



38° 3' 4.100 N 109° 13' 55.272 W

Company: Patara Oil & Gas, LLC
Project: San Juan County, UT
Site: Section 36-T31S-R24E
Well: Cisco State 36-13

Wellbore: Frontier #7
Design: Frontier #7

Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference: Survey Calculation Method:

Database:

Well Cisco State 36-13

WELL @ 6013.0ft (Frontier #7 (21' KB)) WELL @ 6013.0ft (Frontier #7 (21' KB))

True

2,653,022.92

Minimum Curvature

EDM 2003.16 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
6,459.0	4.40	161.50	6,458.1	-55.7	47.4	71.5	0.76	0.75	-1.72
6,554.0	4.50	157.10	6,552.8	-62.5	50.0	77.8	0.37	0.11	-4.63
6,647.0	4.10	154.30	6,645.5	-68.9	52.8	84.0	0.49	-0.43	-3.01
6,742.0	4.20	148.80	6,740.3	-74.9	56.1	90.3	0.43	0.11	-5.79
6,836.0	4.70	151.40	6,834.0	-81.3	59.7	97.0	0.57	0.53	2.77
6,930.0	5.10	156.10	6,927.6	-88.5	63.3	104.2	0.60	0.43	5.00
7,024.0	4.30	158.20	7,021.3	-95.6	66.3	110.9	0.87	-0.85	2.23
7,117.0	2.70	150.30	7,114.2	-100.7	68.6	116.0	1.79	-1.72	-8.49
7,210.0	2.50	155.90	7,207.1	-104.4	70.6	119.8	0.35	-0.22	6.02
7,303.0	2.70	164.50	7,300.0	-108.4	72.0	123.3	0.47	0.22	9.25
7,397.0	3.00	171.00	7,393.8	-113.0	72.9	126.9	0.47	0.32	6.91
7,490.0	3.30	176.30	7,486.7	-118.0	73.5	130.4	0.45	0.32	5.70
7,534.0	3.40	180.00	7,530.6	-120.6	73.6	132.1	0.54	0.23	8.41
7,947.0	3.40	180.00	7,942.9	-145.1	73.6	147.1	0.00	0.00	0.00
Projected Survey to Total Depth - Cisco									

Targets

Та	ra	et	N:	am	e

Target Name									
 hit/miss target 	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting		
- Shape	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)	Latitude	Longitude

isco 0.00 0.00 8,313.0 0.0 0.0 512,024.87 survey misses target center by 404.3ft at 7947.0ft MD (7942.9 TVD, -145.1 N, 73.6 E)

⁻ Circle (radius 50.0)

Survey An	notations
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Measured	Vertical	Local Coordinates		
Depth (ft)	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Comment
7,947.0	7,942.9	-145.1	73.6	Projected Survey to Total Depth

Checked By: _____ Date: _____



JOB NO.:	CA-11473	Report Time:	2400	11 of 11
	Patera Oil and Gas	API JOB #		110111
LOCATION:		WORK ORDER#		
RIG NAME:	Frontier 7		Canyon Cou	intry
STATE:	Utah	Township:	31 S	
COUNTY:	San Juan	SECT\RANGE:	36	24 E
WELL NAME:	36-13			

From Wednesday, June 29, 2011 at 0000 to Wednesday, June 29, 2011 at 2400

DRILLING SUMMARY					Drilling Parameters															
Start Depth	75	586.00	Rotary	Hours	0.00	WOB	\sqcap	22	22 Pick UP		JP		Slack O	ff 0		SPM				
End Depth	7	586.00	Circula	ting Hours	0.00	RAB		0	0 SPP		2		2		2790		FlowRa	te 435 - 43	35	140
Total Drilled:		0.00	Avg. To	tal ROP:	NA	Mud Data														
Total Rotary Drill	ed:	0.00	Avg. Ro	otary ROP:	NA	Туре	Oilbase	ased				PV	25	SOLID		26				
Total Drilled Slid	ng:	0.00	Avg. Sl	ide ROP:	NA	Weigh	t	14.1		GAS 0		ΥP	13	BHT°		152.6				
Slide Hours:		0.00	Percen	t Rotary:	NA	Viscos	sity	58	SA	ND	0	PH	0	Flow T°		115				
Below Rotary Hrs	3.	0.00	Percen	t Slide:	NA	Chlori	nlorides 1.27		W	'L	0			Oil %		88				
PERSONNEL							CASING BHA													
Lead Directional	Billy H	Billy Howell				ze	Lb/ft Set De			t Dept	th BHA # 2:FMH3645ZZ, 1.5 Adjustable UBHO, 6" NMDC, 6" NMDC, (15) 6" I									
Second Directional :													(21) HWD		VIVID	5, (13) 0 DC,				
MWD Operator1			Joe Hertzog																	
MWD Operator2			Ryan Mahoney																	
Directional Company: Crescent					1						L									
Geologist:					Signa	ature:														
Company Man:	Steve	Steve Record						Da	aily C	Cost		Т			\$4,605.00					
Incl. In: 0	ncl. In: 0 Azm. In: 0 Incl. Out: 0			Azm	. Out:	0	Cummulative Cost:				\$117,815.50									

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
29-Jun-11	00:00	24:00	24.00	7586	7586	Standby	End of well released from job



100.110	[D	0.400	0.10
JOB NO.:	CA-11473	Report Time:	2400	9 of 9
Company:	Patera Oil and Gas	API JOB #		
LOCATION:	Cisco State	WORK ORDER#		
RIG NAME:	Frontier 7	FIELD:	Canyon Cou	intry
STATE:	Utah	Township:	31 S	
COUNTY:	San Juan	SECT\RANGE:	36	24 E
WELL NAME:	36-13			·

From Monday, June 27, 2011 at 0000 to Monday, June 27, 2011 at 2400

DF	RILLING	SUI	MMAR'	Y					Dı	ʻillir	ng P	aran	neter	3		
Start Depth	660	9.00	Rotary I	Hours	15.67	WOB		22 Pick UP				0 5	Slack O	ff	0	SPM
End Depth	732	25.00	Circulat	ing Hours	0.00	RAB	RAB 0 SPP 279					2790 F	FlowRate 435 - 435			140
Total Drilled:	71	6.00	Avg. To	tal ROP:	32.18						Mud	Dat	а			
Total Rotary Drilled	d: 58	30.00	Avg. Ro	tary ROP:	37.02	Type	Oilbase	ed				PV	25	SOLID		26
Total Drilled Sliding	g: 13	86.00	Avg. Sli	de ROP:	20.66	Weigh	t	14.1	GAS	S	0	ΥP	13	BHT°		152.6
Slide Hours:		6.58	Percent	Rotary:	81.01	Viscos	sity	58	SAI	۷D	0	PH	0	Flow T°		115
Below Rotary Hrs. 24.00 Percent Slide: 18.99						Chlori	des	1.27	WI		0			Oil %		88
	PERS	SONI	NEL				CASING BHA						Α			
Lead Directional :		Billy Ho	owell			Si	Size Lb/ft Set Depth BHA # 2:FMH3645ZZ, 1.5 / UBHO, 6" NMDC, 6" NMDC									
Second Directional	l:												21) HWD		VIVIDO	5, (15) 6 56,
MWD Operator1		Joe He	ertzog													
MWD Operator2		Ryan N	Mahoney													
Directional Company: Crescent]						L				
Geologist:						Signa	ature:									
Company Man:	Company Man: Steve Record					Ī			Da	ily C	ost					\$9,975.00
Incl. In: 0 Azm. In: 0 Incl. Out: 0			Azm. Out: 0 Cummulative Cost: \$9			97,435.50										

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
27-Jun-11	00:00	01:00	1.00	6609	6637	Drilling	Drilling - (WOB:22;GPM :435;RPM:35)
27-Jun-11	01:00	02:25	1.42	6637	6668	Sliding	Sliding - (WOB:22;GPM :435;TFO:340)
27-Jun-11	02:25	03:15	0.83	6668	6699	Drilling	Drilling - (WOB:22;GPM :435;RPM:35)
27-Jun-11	03:15	03:20	0.08	6699	6699	Survey & Conn.	Survey & Conn.
27-Jun-11	03:20	06:00	2.67	6699	6794	Drilling	Drilling - (WOB:22;GPM :435;RPM:35)
27-Jun-11	06:00	06:05	0.08	6794	6794	Survey & Conn.	Survey & Conn.
27-Jun-11	06:05	08:05	2.00	6794	6888	Drilling	Drilling - (WOB:22;GPM :435;RPM:35)
27-Jun-11	08:05	08:10	0.08	6888	6888	Survey & Conn.	Survey & Conn.
27-Jun-11	08:10	10:05	1.92	6888	6982	Drilling	Drilling - (WOB:22;GPM :435;RPM:35)
27-Jun-11	10:05	10:20	0.25	6982	6982	Survey & Conn.	Survey & Conn.
27-Jun-11	10:20	11:20	1.00	6982	7003	Sliding	Sliding - (WOB:22;GPM :435;TFO:340)
27-Jun-11	11:20	11:45	0.42	7003	7013	Drilling	Drilling - (WOB:22;GPM :435;RPM:35)
27-Jun-11	11:45	13:10	1.42	7013	7035	Sliding	Sliding - (WOB:22;GPM :435;TFO:330)
27-Jun-11	13:10	13:30	0.33	7035	7045	Drilling	Drilling - (WOB:22;GPM :435;RPM:35)
27-Jun-11	13:30	14:55	1.42	7045	7076	Sliding	Sliding - (WOB:22;GPM :435;TFO:330)
27-Jun-11	14:55	15:10	0.25	7076	7076	Survey & Conn.	Survey & Conn.
27-Jun-11	15:10	16:20	1.17	7076	7107	Drilling	Drilling - (WOB:22;GPM :435;RPM:35)

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Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
27-Jun-11	16:20	17:40	1.33	7107	7138	Sliding	Sliding - (WOB:22;GPM :435;TFO:330)
27-Jun-11	17:40	18:30	0.83	7138	7169	Drilling	Drilling - (WOB:22;GPM :435;RPM:35)
27-Jun-11	18:30	18:35	0.08	7169	7169	Survey & Conn.	Survey & Conn.
27-Jun-11	18:35	20:40	2.08	7169	7232	Drilling	Drilling - (WOB:22;GPM :435;RPM:35)
27-Jun-11	20:40	21:20	0.67	7232	7232	Rig Service-Inhole	Rig Service-Inhole
27-Jun-11	21:20	21:55	0.58	7232	7262	Drilling	Drilling - (WOB:22;GPM :435;RPM:35)
27-Jun-11	21:55	22:10	0.25	7262	7262	Survey & Conn.	Survey & Conn.
27-Jun-11	22:10	24:00	1.83	7262	7325	Drilling	Drilling - (WOB:22;GPM :435;RPM:35)



JOB NO.:	CA-11473	Report Time:	2400	8 of 8
Company:	Patera Oil and Gas	API JOB #		
LOCATION:	Cisco State	WORK ORDER#		
RIG NAME:	Frontier 7	FIELD:	Canyon Count	try
STATE:	Utah	Township:	31 S	
COUNTY:	San Juan	SECT\RANGE:	36	24 E
WELL NAME:	36-13			

From Sunday, June 26, 2011 at 0000 to Sunday, June 26, 2011 at 2400

	DRI	ILLING	3 SUI	MMAR'	Y					D	rilli	ng Pa	arar	neter	S		
Start Depth		629	00.00	Rotary	Hours	10.42	WOB		22 Pick UP 0			0	Slack O	ff	0	SPM	
End Depth		660	9.00	Circulat	ting Hours	0.00	RAB 0 SPP 2790					FlowRa	te 435 - 43	35	140		
Total Drilled:		31	19.00	Avg. To	tal ROP:	26.58						Mud	Dat	a			
Total Rotary D	rilled:	28	33.00	Avg. Ro	tary ROP:	27.17	Туре	Oilbased	4				PV	25	SOLID		26
Total Drilled SI	liding:	3	36.00	Avg. Sli	ide ROP:	22.74	Weigh	t	14.1	GΑ	S	0	ΥP	13	BHT°		152.6
Slide Hours:			1.58	Percent	: Rotary:	88.71	Viscos	ity	58	SA	ND	0	PH	0	Flow T°		115
Below Rotary I	Hrs.	2	24.00	Percent	: Slide:	11.29	Chlorides 1.27 WL 0				0		Oil % 88				
		PER	SONI	NEL				CASING BHA						Α			
Lead Direction	nal :		Billy Ho	owell			Siz	Size Lb/ft Set Depth BHA # 2:FMH3645ZZ, 1. UBHO, 6" NMDC, 6" NM									
Second Directi	ional :	:												(21) HWD		VIVID.	5, (15) 6 26,
MWD Operator	r1		Joe He	ertzog													
MWD Operator	r2		Ryan N	Mahoney													
Directional Co	mpan	y:	Cresce	ent									L				
Geologist:							Signa	ature:									
Company Man	Company Man: Steve Record									Da	aily C	Cost					\$9,975.00
Incl. In: 0 Azm. In: 0 Incl. Out: 0					0	Azm	. Out:	0	Cı	umm	ulative	Cost	::		\$	87,460.50	

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
26-Jun-11	00:00	03:10	3.17	6290	0	POOH	РООН
26-Jun-11	03:10	04:00	0.83	0	90	Change BHA	Change BHA
26-Jun-11	04:00	07:00	3.00	90	4849	TIH	TIH
26-Jun-11	07:00	08:30	1.50	4849	4849	Other	Slip and cut Drilling line
26-Jun-11	08:30	10:35	2.08	4849	6290	TIH	TIH
26-Jun-11	10:35	10:55	0.33	6290	6294	Drilling	Drilling - (WOB:22;GPM :435;RPM:35)
26-Jun-11	10:55	11:10	0.25	6294	6294	Other	Relog 4 ft. of gamma
26-Jun-11	11:10	13:10	2.00	6294	6325	Drilling	Drilling - (WOB:22;GPM :435;RPM:35)
26-Jun-11	13:10	13:25	0.25	6325	6325	Survey & Conn.	Survey & Conn.
26-Jun-11	13:25	15:40	2.25	6325	6418	Drilling	Drilling - (WOB:22;GPM :435;RPM:35)
26-Jun-11	15:40	15:45	0.08	6418	6418	Survey & Conn.	Survey & Conn.
26-Jun-11	15:45	16:45	1.00	6418	6449	Drilling	Drilling - (WOB:22;GPM :435;RPM:35)
26-Jun-11	16:45	17:15	0.50	6449	6449	Rig Service-Inhole	Rig Service-Inhole
26-Jun-11	17:15	19:15	2.00	6449	6511	Drilling	Drilling - (WOB:22;GPM :435;RPM:35)
26-Jun-11	19:15	19:30	0.25	6511	6511	Survey & Conn.	Survey & Conn.
26-Jun-11	19:30	20:15	0.75	6511	6531	Sliding	Survey & Conn.
26-Jun-11	20:15	22:00	1.75	6531	6574	Drilling	Drilling - (WOB:22;GPM :435;RPM:35)

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Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
26-Jun-11	22:00	22:50	0.83	6574	6590	Sliding	Sliding - (WOB:22;GPM :435;TFO:340)
26-Jun-11	22:50	23:45	0.92	6590	6606	Drilling	Drilling - (WOB:22;GPM :435;RPM:35)
26-Jun-11	23:45	23:50	0.08	6606	6606	Survey & Conn.	Survey & Conn.
26-Jun-11	23:50	24:00	0.17	6606	6609	Drilling	Drilling - (WOB:22;GPM :435;RPM:35)



100.110		D (T)		
JOB NO.:	CA-11473	Report Time:	2400	7 of 7
Company:	Patera Oil and Gas	API JOB #		
LOCATION:	Cisco State	WORK ORDER#		
RIG NAME:	Frontier 7	FIELD:	Canyon Count	ry
STATE:	Utah	Township:	31 S	
COUNTY:	San Juan	SECT\RANGE:	36	24 E
WELL NAME:	36-13			

From Saturday, June 25, 2011 at 0000 to Saturday, June 25, 2011 at 2400

	DR	ILLING	3 SUI	MMAR'	Y						Orilli	ng P	arar	neter	S			
Start Depth		552	20.00	Rotary I	Hours	20.92	WOB 22 Pick UP 0 S					Slack O	ff	0	SPM			
End Depth		629	90.00	Circulat	ing Hours	1.50	RAB 0 SPP 2790 F						FlowRa	te 435 - 43	35	140		
Total Drilled:		77	70.00	Avg. To	tal ROP:	36.81						Mud	Dat	a				
Total Rotary D	Orilled:	7	70.00	Avg. Ro	tary ROP:	36.81	Туре	Oilbase	d				PV	23	SOLID		25	
Total Drilled S	Sliding	:	0.00	Avg. Sli	de ROP:	NA	Weigh	t	13.4	G/	AS	0	ΥP	13	BHT°		141.8	
Slide Hours:			0.00	Percent	Rotary:	100.00	Viscos	sity	75	SA	AND	0	PH	0	Flow T°		94	
Below Rotary	Hrs.	2	24.00	Percent	Slide:	.00	Chlorides 1.27 WL 0					0		Oil % 88				
		PER	SON	NEL				CASING BHA										
Lead Direction	nal :		Billy Ho	owell			Size Lb/ft Set Depth BHA # 1:FMH3645ZZ, 6 UBHO, 6" NMDC, 6" NM											
Second Direct	tional	:												(21) HWD		VIVID	C, (13) 0 DC,	
MWD Operato	r1		Joe He	ertzog														
MWD Operato	r2		Ryan N	Mahoney														
Directional Co	ompan	y:	Cresce	ent									L					
Geologist:							Signa	ature:										
Company Man	n:		Steve I	Record						D	aily (Cost					\$8,625.00	
Incl. In: 0 Azm. In: 0 Incl. Out: 0					0	Azm. Out: 0 Cummulative Cost: \$7				577,485.50								

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
25-Jun-11	00:00	01:25	1.42	5520	5582	Drilling	Drilling - (WOB:22;GPM :435;RPM:35)
25-Jun-11	01:25	01:30	0.08	5582	5582	Survey & Conn.	Survey & Conn.
25-Jun-11	01:30	03:55	2.42	5582	5676	Drilling	Drilling - (WOB:22;GPM :435;RPM:35)
25-Jun-11	03:55	04:00	0.08	5676	5676	Survey & Conn.	Survey & Conn.
25-Jun-11	04:00	06:40	2.67	5676	5769	Drilling	Drilling - (WOB:22;GPM :435;RPM:35)
25-Jun-11	06:40	06:45	0.08	5769	5769	Survey & Conn.	Survey & Conn.
25-Jun-11	06:45	09:05	2.33	5769	5861	Drilling	Drilling - (WOB:22;GPM :435;RPM:35)
25-Jun-11	09:05	09:10	0.08	5861	5861	Survey & Conn.	Survey & Conn.
25-Jun-11	09:10	11:45	2.58	5861	5954	Drilling	Drilling - (WOB:22;GPM :435;RPM:35)
25-Jun-11	11:45	11:55	0.17	5954	5954	Survey & Conn.	Survey & Conn.
25-Jun-11	11:55	14:10	2.25	5954	6047	Drilling	Drilling - (WOB:22;GPM :435;RPM:35)
25-Jun-11	14:10	14:15	0.08	6047	6047	Survey & Conn.	Survey & Conn.
25-Jun-11	14:15	15:35	1.33	6047	6108	Drilling	Drilling - (WOB:22;GPM :435;RPM:35)
25-Jun-11	15:35	16:25	0.83	6108	6108	Rig Service-Inhole	Rig Service-Inhole
25-Jun-11	16:25	18:05	1.67	6108	6139	Drilling	Drilling - (WOB:22;GPM :435;RPM:35)
25-Jun-11	18:05	18:10	0.08	6139	6139	Survey & Conn.	Survey & Conn.
25-Jun-11	18:10	20:05	1.92	6139	6232	Drilling	Drilling - (WOB:22;GPM :435;RPM:35)

WinSERVE II Daily Report License: NP1694

Daily Report for JOB#: CA-11473 - Page 1 of 2

	Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
	25-Jun-11	20:05	20:10	0.08	6232	6232	Survey & Conn.	Survey & Conn.
ſ	25-Jun-11	20:10	22:30	2.33	6232	6290	Drilling	Drilling - (WOB:22;GPM :435;RPM:35)
	25-Jun-11	22:30	24:00	1.50	6290	6290	Circulating	Circulating to TOOH



JOB NO.:	CA-11473	Report Time:	2400	6 of 6
Company:	Patera Oil and Gas	API JOB #		
LOCATION:	Cisco State	WORK ORDER#		
RIG NAME:	Frontier 7	FIELD:	Canyon Cou	ntry
STATE:	Utah	Township:	31 S	
COUNTY:	San Juan	SECT\RANGE:	36	24 E
WELL NAME:	36-13			

From Friday, June 24, 2011 at 0000 to Friday, June 24, 2011 at 2400

	DRILLING SUMMARY									Dr	illir	ng Pa	aran	neter	S		
Start Depth	<u> </u>	53	49.00	Rotary	Hours	6.92	WOB		22 I	Pick	UP		0 5	Slack O	ff	0	SPM
End Depth		55	20.00	Circulat	ting Hours	7.08	RAB	RAB 0 SPP 2790 FlowRate						te 0 - 43	5	140	
Total Drille	d:	1	71.00	Avg. To	tal ROP:	24.72	Mud Data										
Total Rotar	y Drille	d: 1	171.00	Avg. Ro	tary ROP:	24.72	Туре						PV	0	SOLID		0
Total Drille	d Slidin	g:	0.00	Avg. Sli	ide ROP:	NA	Weight		13.4	GAS	3	0	ΥP	0	BHT°		0
Slide Hours	S:		0.00	Percent	: Rotary:	100.00	Viscosit	y	75	SAN	۷D	0	PH	0	Flow T°		0
Below Rota	ary Hrs.		21.00	Percent	: Slide:	.00	Chlorides 0 WL 0					Oil % 0			0		
		PEF	RSON	NEL					CAS	NG					ВН	Α	
Lead Direc	tional :		Billy H	owell			Size	Size Lb/ft Set Depth BHA # 1:FMH3645ZZ, 6.5 UBHO, 6" NMDC, 6" NMD									
Second Dir	ectiona	ıl :												(21) HWD		NIVID	C, (13) 0 DC,
MWD Oper	ator1		Joe He	ertzog													
MWD Oper	ator2		Ryan I	Mahoney													
Directional	Compa	any:	Cresce	ent			¬										
Geologist:						Signature:											
Company Man: Steve Record								Da	ily C	ost				9	512,425.00		
Incl. In:	0	Azm.	. In:	0	Incl. Out:	0	Azm. (Out:	0	Cu	mmı	ılative	Cost	:		9	68,860.50

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
24-Jun-11	00:00	03:00	3.00	0	0	Standby	Standby
24-Jun-11	03:00	03:50	0.83	0	95	Change BHA	P/U Directional Tools
24-Jun-11	03:50	04:30	0.67	95	95	Other	Surface test MWD Tool
24-Jun-11	04:30	08:45	4.25	95	5349	TIH	TIH
24-Jun-11	08:45	10:10	1.42	5349	5396	Drilling Cement	Drilling cement and float equipment
24-Jun-11	10:10	10:35	0.42	5396	5411	Drilling	Drilling
24-Jun-11	10:35	11:45	1.17	5411	5411	Other	FIT Test
24-Jun-11	11:45	18:50	7.08	5411	5411	Circulating	Displace Mud system
24-Jun-11	18:50	23:10	4.33	5411	5490	Drilling	Drilling - (WOB:15;GPM:353;RPM:35)
24-Jun-11	23:10	23:15	0.08	5490	5490	Survey & Conn.	Survey & Conn.
24-Jun-11	23:15	24:00	0.75	5490	5520	Drilling	Drilling - (WOB:22;GPM :435;RPM:35)



JOB NO.:	CA-11473	Report Time:	2400	5 of 6
Company:	Patera Oil and Gas	API JOB #		
LOCATION:	Cisco State	WORK ORDER#		
RIG NAME:	Frontier 7	FIELD:	Canyon Cou	ntry
STATE:	Utah	Township:	31 S	
COUNTY:	San Juan	SECT\RANGE:	36	24 E
WELL NAME:	36-13			

From Thursday, June 23, 2011 at 0000 to Thursday, June 23, 2011 at 2400

	DR	ILLIN	G SU	MMAR	Y				D	rilli	ng P	araı	meters	5			
Start Depth	1		0.00	Rotary	Hours	0.00	WOB	0	Pick	UP		0	Slack Of	f	0	SPM	ı
End Depth			0.00	Circula	ting Hours	0.00	RAB 0 SPP 0						FlowRat	e 0-0	ſ	0	
Total Drille	d:		0.00	Avg. To	otal ROP:	NA	Mud Data										
Total Rotar	y Drilled:		0.00	Avg. Ro	otary ROP:	NA	Туре					PV	0	SOLID		0	
Total Drille	d Sliding:	:	0.00	Avg. Sl	ide ROP:	NA	Weight	0	GA	S	0	ΥP	0	внт°		0	
Slide Hours	Slide Hours: 0.00 Percent Rotary: NA Viscosity 0 SAND 0										0	PH	0	Flow T°		0	
Below Rotary Hrs. 0.00 Percent Slide: NA Chlorides								Chlorides 0 WL 0 Oil %						0			
PERSONNEL								CASING BHA									
Lead Direc	tional :		Billy H	owell			Size	Lb/	ft	Se	et Dept	th	N/A				
Second Di	rectional	:															
MWD Oper	ator1		Joe He	ertzog													
MWD Oper	ator2		Ryan I	Mahoney													
Directional	Compan	y:	Cresce	ent								L					
Geologist:							Signatur	e:									
Company I	Man:		Steve	Record													
Incl. In:	0	Azm.	ln:	0	Incl. Out:	0	Azm. Ou	ut: 0									
						CEN	EDAL CC	NARAERIT									

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
23-Jun-11	00:00	24:00	24.00	0	0	Standby	Standby for Nipple up



JOB NO.:	CA 11473	Report Time:	2400	4 of 4
		Report Time.	2400	4 01 4
Company:	Patera Oil and Gas	API JOB #		
LOCATION:	Cisco State	WORK ORDER#		
RIG NAME:	Frontier 7	FIELD:	Canyon Coun	itry
STATE:	Utah	Township:	31 S	
COUNTY:	San Juan	SECT\RANGE:	36	24 E
WELL NAME:	36-13			

From Wednesday, June 22, 2011 at 0000 to Wednesday, June 22, 2011 at 2400

	DRILLING SUMMARY									Dı	rillir	ng P	arar	neter	S		
Start Depth	1		0.00	Rotary	Hours	0.00	WOB	T	0	Pick	UP		0 Slack Off		ff	0	SPM
End Depth			0.00	Circula	ting Hours	0.00	RAB	RAB 0 SPP 0 FlowRate							te 0-0		0
Total Drille	ed:		0.00	Avg. To	tal ROP:	NA						Mud	Dat	a			
Total Rota	ry Drille	d:	0.00	Avg. Ro	otary ROP:	NA	Туре						PV	0	SOLID		0
Total Drille	ed Slidin	ıg:	0.00	Avg. Sl	ide ROP:	NA	Weight		0	GA:	s	0	ΥP	0	BHT°		0
Slide Hour	s:		0.00	Percent	t Rotary:	NA	Viscosit	y	0	SAI	ND	0	PH	0	Flow T°		0
Below Rot	ary Hrs.		0.00	Percent	t Slide:	NA	Chlorides 0 WL 0					0			Oil %		0
		PER	SON	NEL				CASING BH					Α				
Lead Direc	tional :		Billy H	owell			Size	;	Lb/f	t	Se	t Dept	:h	N/A			
Second Di	rectiona	al:															
MWD Oper	rator1		Joe H	ertzog													
MWD Oper	rator2		Ryan l	Mahoney													
Directiona	l Compa	any:	Cresc	ent			1						L				
Geologist:	ogist:						Signati	ure:									
Company	Man:		Steve	Record						Da	ily C	ost					\$4,605.00
Incl. In:	0	Azm.	ln:	0	Incl. Out:	0	Azm. (Out:	0	Cu	ımmı	ılative	Cost	:		9	\$51,830.50

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
22-Jun-11	00:00	24:00	24.00	0	0	Standby	Standby for nipple up and test



JOB NO.:	CA-11473	Report Time:	2400	3 of 3
Company:	Patera Oil and Gas	API JOB #		
LOCATION:	Cisco State	WORK ORDER#		
RIG NAME:	Frontier 7	FIELD:	Canyon Coun	try
STATE:	Utah	Township:	31 S	
COUNTY:	San Juan	SECT\RANGE:	36	24 E
WELL NAME:	36-13			

From Tuesday, June 21, 2011 at 0000 to Tuesday, June 21, 2011 at 2400

	DRILLING SUMMARY									Dr	illir	ng P	aran	neter	S		
Start Dept	h		0.00	Rotary	Hours	0.00	WOB	Т	0	Pick	UP		0 5	Slack O	ff	0	SPM
End Depth			0.00	Circula	ting Hours	0.00	RAB 0 SPP 0 Flow						lowRa	te 0-0		0	
Total Drille	ed:		0.00	Avg. To	tal ROP:	NA	Mud Data										
Total Rota	ry Drille	d:	0.00	Avg. Ro	tary ROP:	NA	Туре						PV	0	SOLID		0
Total Drille	ed Slidin	g:	0.00	Avg. Sl	ide ROP:	NA	Weight		0	GAS	3	0	ΥP	0	BHT°		0
Slide Hour	s:		0.00	Percent	: Rotary:	NA	Viscosity	у	0	SAN	1D	0	PH	0	Flow T°		0
Below Rot	ary Hrs.		0.00	Percent	Slide:	NA	Chlorides 0 WL 0					Oil %				0	
		PER	SON	NEL				CASING BHA					Α				
Lead Direc	ctional :		Billy H	owell			Size		Lb/ft		Se	t Dept	:h [V/A			
Second Di	rectiona	al:															
MWD Ope	rator1		Joe He	ertzog													
MWD Ope	rator2		Ryan I	Mahoney													
Directiona	l Compa	any:	Cresce	ent									L				
Geologist:					Signatu	ıre:											
Company Man: Steve Record									Dai	ly C	ost				9	29,765.50	
Incl. In: 0 Azm. In: 0 Incl. Out: 0				0						547,225.50							

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
21-Jun-11	00:00	24:00	24.00	0	0	Standby	Standby for casing and cementing and nipple up and
							test



JOB NO.:	CA-11473	Report Time:	2400	2 of 2
				2012
Company:	Patera Oil and Gas	API JOB #		
LOCATION:	Cisco State	WORK ORDER#		
RIG NAME:	Frontier 7	FIELD:	Canyon Coun	itry
STATE:	Utah	Township:	31 S	
COUNTY:	San Juan	SECT\RANGE:	36	24 E
WELL NAME:	36-13			

From Monday, June 20, 2011 at 0000 to Monday, June 20, 2011 at 2400

DRILLING SUMMARY										Dr	illii	ng P	aran	neter	S		
Start Deptl	า		0.00	Rotary	Hours	0.00	WOB		0	Pick	UP		0 Slack Off		Off	0	SPM
End Depth			0.00	Circula	ting Hours	0.00	RAB	RAB 0 SPP 0 FlowRate						o-0		0	
Total Drille	ed:		0.00	Avg. To	otal ROP:	NA		Mud Data									
Total Rota	ry Drille	d:	0.00	Avg. Ro	otary ROP:	NA	Туре						PV	0	SOLID		0
Total Drille	ed Slidin	ıg:	0.00	Avg. SI	ide ROP:	NA	Weight		0	GAS	3	0	ΥP	0	BHT°		0
Slide Hour	s:		0.00	Percen	t Rotary:	NA	Viscosi	ty	0 SAND 0				PH	0	Flow T°		0
Below Rot	ary Hrs.	0.00 Percent Slide: N					Chlorides 0 WL 0					0			Oil %		0
	PERSONNEL								CAS	ING					ВН	Α	
Lead Direc	tional :		Billy H	owell			Size	е	Lb/ft	t	Se	t Dept	h I	N/A			
Second Di	rectiona	al:						•		•							
MWD Ope	rator1		Joe H	ertzog			1										
MWD Ope	rator2		Ryan l	Mahoney													
Directiona	al Company: Crescent						1						L				
Geologist:							Signat	ure:									
Company	Man:		Steve	Record						Dai	ly C	ost					\$4,605.00
Incl. In: 0 Azm. In: 0 Incl. Out: 0				Azm.	Out:	0	Cu	mmı	ulative	Cost	:		\$	17,460.00			

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
20-Jun-11	00:00	24:00	24.00	0	0	Standby	Standby for Drilling 120 more Feet.



JOB NO.:	CA-11473	Report Time:		1 of 1
Company:	Patera Oil and Gas	API JOB #		
LOCATION:	Cisco State	WORK ORDER#		
RIG NAME:	Frontier 7	FIELD:	Canyon Cour	ntry
STATE:	Utah	Township:		
COUNTY:	San Juan	SECT\RANGE:		
WELL NAME:	36-13			

From Sunday, June 19, 2011 at 0000 to Sunday, June 19, 2011 at 2400

	D					Dri	illir	ng P	aran	neter	S						
Start Depth	า		0.00	Rotary	Hours	0.00	WOB	П	0	Pick L	JP		0 5	Slack C	Off	0	SPM
End Depth			0.00	Circula	ting Hours	0.00	RAB	RAB 0 SPP 0 Flo						FlowRa	o-0		0
Total Drille	ed:		0.00	Avg. To	otal ROP:	NA						Mud	Dat	а			
Total Rota	ry Drille	d:	0.00	Avg. Ro	otary ROP:	NA	Туре						PV	0	SOLID		0
Total Drille	ed Slidin	g:	0.00	Avg. Sl	ide ROP:	NA	Weight		0	GAS		0	ΥP	0	ВНТ°		0
Slide Hour	s:		0.00	Percen	t Rotary:	NA	Viscosity	′	0	SAN	D	0	PH	0	Flow T°		0
Below Rot	ary Hrs.		0.00	Percen	t Slide:	NA	Chlorides 0 WL 0					0			Oil %		0
		PER	SON	NEL			Ì		CAS	ING					ВН	Α	
Lead Direc	tional :		Billy H	owell			Size		Lb/f	t	Se	t Dept	th [N/A			
Second Di	rectiona	al:															
MWD Oper	rator1		Joe H	ertzog													
MWD Oper	rator2		Ryan I	Mahoney													
Directiona	nal Company: Crescent						1						L				
Geologist:							Signatu	re:									
Company	Man:		Steve	Record			1			Dail	ly C	ost				\$	12,855.00
Incl. In: 0 Azm. In: 0 Incl. Out: 0				Azm. O	ut:	0	Cur	nmı	ılative	Cost	:		\$	12,855.00			

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
19-Jun-11	00:00	24:00	24.00	0	0	Standby	Travel to Location and Strap tools

Well Information

BHA#

24 E

1



TIME IN - OUT

24-Jun-11 @ 03:50

Start Time | End Time | Circ

26-Jun-11

@ 04:00

JOB NO.: CA-11473

Company: Patera Oil and Gas

LOCATION: Cisco State

RIG NAME: Frontier 7

STATE: Utah **COUNTY:** San Juan

WELL NAME: 36-13

FIELD: Canyon Country

Township: 31 S SECT. RANGE: 36

Lead DD: Billy Howell

Co. Man: Steve Record

BHA TYPE: Steerable Assembly

BHA Summary Information										
Rotary Ho	ours	27.83	Start De	pth		5349.00	RPM	Flow		
Circ Hrs	Γot/Only	36.42 / 8.58	End Dep	th		6290.00	Range	Rate		
Slide Hou	ırs	.00 Percent Rotary:			100.00	0 -35	0 -435			
Below Ro	tary Hrs.	48.17	Percent	Slide	: :	.00	0-35	0 -435		
941.00	Avg. Total	ROP:	33.81	In	cl.	Α	zimuth			
941 00	Ava Rota	ry ROP:	33 81	Z	OUT	IN		TI		

Total	Drilled:	941	.00 Avg.	Total R	OP:	33.81	ln	cl.	Azir	nuth	
Total	Rotary D	rilled:	941	.00 Avg.	Rotary F	ROP:	33.81	IN	OUT	IN	OUT
Total	Drilled S	liding:		.00 Avg.	Slide RC	OP:	NA	.0	.0	.00	.00
SPP	0 -2790	Weight	s SO	0 -0	PU	0 -0	RAB	0 -0	R	eason POO	H

	E	3it C	ata	a			MOTOR DATA					Mud Data							
Security	FMH	3645Z	Z				1.5 Adjustable				Туре	Oilb	ased						
Type Bit				PDC			Model: 7/8 5	Stage		Pad OD	WT	13.4	GAS	0	Solid	s 25			
TFA		1.334		FDC			MFG. Cresc	ent		7	Vis	75	SAND	0	Т°	94			
JETS		18	18	18	16	16	Bend° 1.5	Stato	r/Rotor	7/8	PV	23 P I	H 0	Chlo	or	1.27			
3L13	,	16	0	0	0	0	Bit to Bend	6.52	Motor D	iff	ΥP	13 W	/ L 0	Oil	%	88			
Bit C	odin	g	I/	ADC#	ŧ		Rev/GAL	0.28							I Τ°I_	141.8			
ID OD	Ы	1 00	В	2			ND Ctab	0	PU	MPS	PU	MP1			PUM	P1			

t	3It C	oain	ı g	IAD	C#		Rev/	Rev/GAL				BH I 141.8
IR	OR	וח	Loc	BS	G	ODL	NB S	tah	0	PUMPS	PUMP1	PUMP1
1117	OIN	ב	LOC	ВО	٥	ODL	1,453	lab	U	NAME		
0	0						Roto	r Jet	0	Model		
Е	Bit Dr	rop:	13	1 PSI @	435 (3PM	S	ensor Of	fsets	Туре		
					Sei	nsor	50	Sonic	0	Liner	.00	.00
	o	mn	ner	nts	Ga	mma	37	DNSC	0	Stroke	.00	.00
					Re	stiv	0	GYRO	0	Efficency	.00	.00

	BHA Detail										
#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn				
1	FMH3645ZZ	11180038		8.5	1.00	1.00	4 1/2 REGP				
2	6.5 Adjustable	CD-665		6.5	26.20	27.20	4 1/2 XHB				
3	6" UBHO	C-118	2.875	6	3.05	30.25	4 1/2 XHB				
4	6" NMDC	SD-39625	2.875	6	30.25	60.50	4 1/2 XHB				
5	6" NMDC	SD-41152	2.875	6	30.41	90.91	4 1/2 XHB				
6	(15) 6" DC	Rig 1	2.5	6	445.11	536.02	4 1/2 XHB				
7	(21) HWDP	Rig 2	2.75	5	644.66	1180.68	4 1/2 XHB				





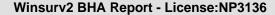




6.5 Adjustable O.D.=6.5 Length=26.2 FN=2.17



FMH3645ZZ O.D.=8.5 Length=1



Well Information

6290.00

7586.00

86.73

13.27

BHA#

2

24 E



TIME IN - OUT

Start Time | End Time

29-Jun-11

@ 24:00

26-Jun-11 @ 04:00

JOB NO.: CA-11473

Company: Patera Oil and Gas

34.00 Start Depth

8.17 Percent Rotary:

68.00 Percent Slide:

Efficency

.00

44.50 / 2.33 End Depth

LOCATION: Cisco State

RIG NAME: Frontier 7

STATE: Utah

COUNTY: San Juan

WELL NAME: 36-13

Rotary Hours

Slide Hours

Restiv

Circ Hrs Tot/Only

Below Rotary Hrs.

BHA Summary Information

FIELD: Canyon Country

Township: 31 S

SECT. RANGE: 36

RPM

Range

0 -35

.00

Lead DD: Billy Howell

Co. Man: Steve Record

BHA TYPE: Steerable Assembly

Flow

Rate

435

-435

#	(21) HWDP O.D.=5 Length=644.66
	(15) 6" DC O.D.=6 Length=445.11

Total Drilled:	1296	.00 Avg.	Total R	OP:	30.74	In	cl.	Azir	nuth
Total Rotary Drilled:	1124	.00 Avg.	Rotary F	ROP:	33.06	N	OUT	IN	OUT
Total Drilled Sliding:	172	.00 Avg.	Slide RC	OP:	21.06	.0	.0	.00	.00
SPP 2790 -2790 Weight	s SO	0 -0	PU	0 -0	RAB	0 -0	R	eason POO	H

	E	3it C	Data	а				MOT	OR DAT	Α			M	ud	Da	ıta	
	FMH	3645Z	ZZ				1.5 Adju	stable			Тур	e O	ilbas	ed			
Type Bit							Model: 7	7/8 5 St	age	Pad OD	WT	14.1	GA	s	0	Solid	s 26
TFA		1.334	1				MFG. (Crescer	nt	7	Vis	58	SA	ND	0	۲°	115
IETO		18	18	18	16	16	Bend °	1.5	Stator/Rotor	7/8	PV	25	РΗ	0	Chl	or	1.27

,	JEIS	•	16	0	0	0)	0	Bit to	Bend	6.53	Motor Diff	ΥP	13	WL	0	Oil %	88
Е	Bit C	odin	ng	1/	ADC#	#			Rev/0	SAL	0.28						BHT [°]	152.6
IR	ΩR	וח	Loc	В	3	G	OE) I	NB S	tah	0	PUMPS	F	MU	21		PUMF	P1
III	OIX	DL	LUC	Δ,	<u>'</u>	9	OL	Ļ	ND 3	lab	U	NAME						
0	0								Roto	r Jet	0	Model						
Е	3it Dr	op:	13	8 PS	@ 4	35 G	PM		S	ensor Of	fsets	Туре						
						Sen	sor		50	Sonic	0	Liner		.00			.00	
	oc	mn	nei	nts	5	Gan	nma		37	DNSC	0	Stroke		.00			.00	
_								_										

GYRO

		BHA	Detail				
#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	FMH3645ZZ	11180038		8.5	1.00	1.00	4 1/2 REGP
2	1.5 Adjustable	CD-65055		6.5	26.20	27.20	4 1/2 XHB
3	6" UBHO	C-118	2.875	6	3.05	30.25	4 1/2 XHB
4	6" NMDC	SD-39625	2.875	6	30.25	60.50	4 1/2 XHB
5	6" NMDC	SD-41152	2.875	6	30.41	90.91	4 1/2 XHB
6	(15) 6" DC	Rig 1	2.5	6	445.11	536.02	4 1/2 XHB
7	(21) HWDP	Rig 2	2.75	5	644.66	1180.68	4 1/2 XHB

6" NMDC O.D.=6 Length=30.41 FN=2.66

6" NMDC O.D.=6 Length=30.25 FN=3.0

6" UBHO O.D.=6 Length=3.05

1.5 Adjustable O.D.=6.5 Length=26.2 FN=2.0



FMH364577 O.D.=8.5 Length=1

Winsurv2 BHA Report - License: NP3136

JOB NO.: CA-11473

Company: Patera Oil and Gas

LOCATION: Cisco State **RIG NAME:** Frontier 7 STATE: Utah

Country WELL NAME: 36-13

COUNTY:

FIELD: Canyon Country

31 S Taumahin. Range 24 E

Slide Report for all BHA's

Note: Surveys listed are interpolated from the actual surveys

<u> </u>	<u>IIUC</u>	IVED	<u> </u>	<u> </u>	<u> </u>	<u> </u>	1 3												
#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
1	24-Jun	Drilling	10:10	10:35	0.42	5396	5411	15	15	36.0	35	0	353	1200		0.00	0.00	0.00	
1	24-Jun	Drilling	18:50	23:10	4.33	5411	5490	79	22	18.2	35	0	435	2790		0.00	0.00	0.00	
1	24-Jun	Drilling	23:15	24:00	0.75	5490	5520	30	22	40.0	35	0	435	2790		0.00	0.00	0.00	
1	25-Jun	Drilling	00:00	01:25	1.42	5520	5582	62	22	43.8	35	0	435	2790		0.00	0.00	0.00	
1	25-Jun	Drilling	01:30	03:55	2.42	5582	5676	94	22	38.9	35	0	435	2790		0.00	0.00	0.00	
1	25-Jun	Drilling	04:00	06:40	2.67	5676	5769	93	22	34.9	35	0	435	2790		0.00	0.00	0.00	
1	25-Jun	Drilling	06:45	09:05	2.33	5769	5861	92	22	39.4	35	0	435	2790		0.00	0.00	0.00	
1	25-Jun	Drilling	09:10	11:45	2.58	5861	5954	93	22	36.0	35	0	435	2790		0.00	0.00	0.00	
1	25-Jun	Drilling	11:55	14:10	2.25	5954	6047	93	22	41.3	35	0	435	2790		0.00	0.00	0.00	
1	25-Jun	Drilling	14:15	15:35	1.33	6047	6108	61	22	45.8	35	0	435	2790		0.00	0.00	0.00	
1	25-Jun	Drilling	16:25	18:05	1.67	6108	6139	31	22	18.6	35	0	435	2790		0.00	0.00	0.00	
1	25-Jun	Drilling	18:10	20:05	1.92	6139	6232	93	22	48.5	35	0	435	2790		0.00	0.00	0.00	
1	25-Jun	Drilling	20:10	22:30	2.33	6232	6290	58	22	24.9	35	0	435	2790		0.00	0.00	0.00	
2	26-Jun	Drilling	10:35	10:55	0.33	6290	6294	4	22	12.0	35	0	435	2790		0.00	0.00	0.00	
2	26-Jun	Drilling	11:10	13:10	2.00	6294	6325	31	22	15.5	35	0	435	2790		0.00	0.00	0.00	
2	26-Jun	Drilling	13:25	15:40	2.25	6325	6418	93	22	41.3	35	0	435	2790		0.00	0.00	0.00	
2	26-Jun	Drilling	15:45	16:45	1.00	6418	6449	31	22	31.0	35	0	435	2790		0.00	0.00	0.00	
2	26-Jun	Drilling	17:15	19:15	2.00	6449	6511	62	22	31.0	35	0	435	2790		0.00	0.00	0.00	
2	26-Jun	Sliding	19:30	20:15	0.75	6511	6531	20	22	26.7	0	0	435	2790	340	0.00	0.00	0.00	
2	26-Jun	Drilling	20:15	22:00	1.75	6531	6574	43	22	24.6	35	0	435	2790		0.00	0.00	0.00	
2	26-Jun	Sliding	22:00	22:50	0.83	6574	6590	16	22	19.2	35	0	435	2790	340	0.00	0.00	0.00	
2	26-Jun	Drilling	22:50	23:45	0.92	6590	6606	16	22	17.5	35	0	435	2790		0.00	0.00	0.00	
2	26-Jun	Drilling	23:50	24:00	0.17	6606	6609	3	22	18.0	35	0	435	2790		0.00	0.00	0.00	
2	27-Jun	Drilling	00:00	01:00	1.00	6609	6637	28	22	28.0	35	0	435	2790		0.00	0.00	0.00	
2	27-Jun	Sliding	01:00	02:25	1.42	6637	6668	31	22	21.9	35	0	435	2790	340	0.00	0.00	0.00	
2	27-Jun	Drilling	02:25	03:15	0.83	6668	6699	31	22	37.2	35	0	435	2790		0.00	0.00	0.00	
2	27-Jun	Drilling	03:20	06:00	2.67	6699	6794	95	22	35.6	35	0	435	2790		0.00	0.00	0.00	

WinSERVE II BHA SLIDE REPORT NP3136

Slide Report for JOB# :CA-11473 - Page 1 of 2

S	lide	Repo	eport for all BHA's Note: Surveys listed are interpolated from the actual surveys																
#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
2	27-Jun	Drilling	06:05	08:05	2.00	6794	6888	94	22	47.0	35	0	435	2790		0.00	0.00	0.00	
2	27-Jun	Drilling	08:10	10:05	1.92	6888	6982	94	22	49.0	35	0	435	2790		0.00	0.00	0.00	
2	27-Jun	Sliding	10:20	11:20	1.00	6982	7003	21	22	21.0	35	0	435	2790	330	0.00	0.00	0.00	
2	27-Jun	Drilling	11:20	11:45	0.42	7003	7013	10	22	24.0	35	0	435	2790		0.00	0.00	0.00	
2	27-Jun	Sliding	11:45	13:10	1.42	7013	7035	22	22	15.5	0	0	435	2790	330	0.00	0.00	0.00	
2	27-Jun	Drilling	13:10	13:30	0.33	7035	7045	10	22	30.0	35	0	435	2790		0.00	0.00	0.00	
2	27-Jun	Sliding	13:30	14:55	1.42	7045	7076	31	22	21.9	0	0	435	2790	330	0.00	0.00	0.00	
2	27-Jun	Drilling	15:10	16:20	1.17	7076	7107	31	22	26.6	35	0	435	2790		0.00	0.00	0.00	
2	27-Jun	Sliding	16:20	17:40	1.33	7107	7138	31	22	23.3	35	0	435	2790	330	0.00	0.00	0.00	
2	27-Jun	Drilling	17:40	18:30	0.83	7138	7169	31	22	37.2	35	0	435	2790		0.00	0.00	0.00	
2	27-Jun	Drilling	18:35	20:40	2.08	7169	7232	63	22	30.2	35	0	435	2790		0.00	0.00	0.00	
2	27-Jun	Drilling	21:20	21:55	0.58	7232	7262	30	22	51.4	35	0	435	2790		0.00	0.00	0.00	
2	27-Jun	Drilling	22:10	24:00	1.83	7262	7325	63	22	34.4	35	0	435	2790		0.00	0.00	0.00	
2	28-Jun	Drilling	00:00	02:10	2.17	7325	7355	30	22	13.8	35	0	435	2790		0.00	0.00	0.00	
2	28-Jun	Drilling	02:15	04:30	2.25	7355	7449	94	22	41.8	35	0	435	2790		0.00	0.00	0.00	
2	28-Jun	Drilling	04:35	07:00	2.42	7449	7542	93	22	38.5	35	0	435	2790		0.00	0.00	0.00	
2	28-Jun	Drilling	07:10	08:15	1.08	7542	7586	44	22	40.6	35	0	435	2790		0.00	0.00	0.00	

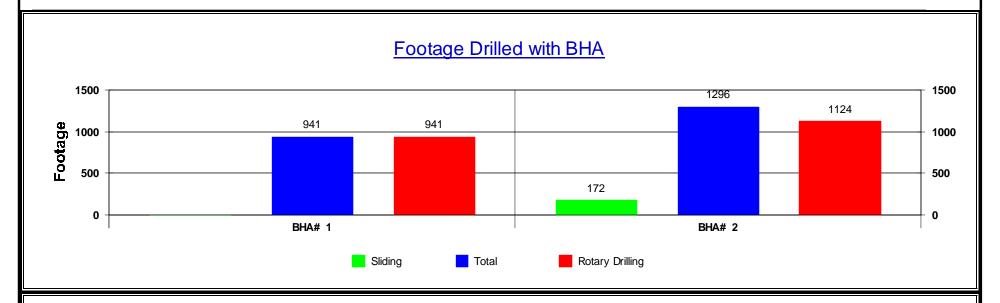
Total Drilled: 2237 Avg. Total ROP: 31.96

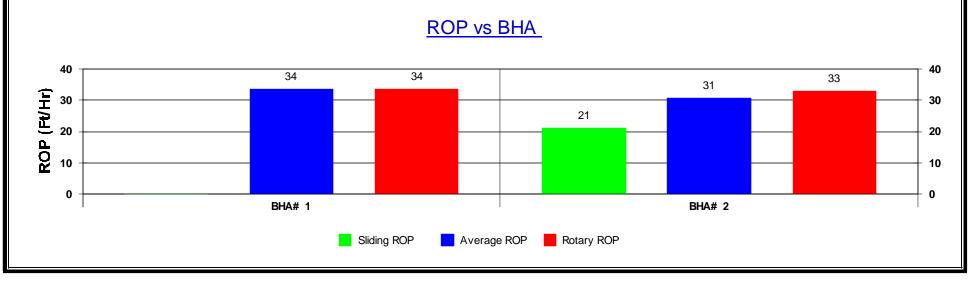
Total Rotary Drilled:2065Avg. Rotary ROP:33.40Percent Rotary:92.31 - 88.33Total Drilled Sliding:172Avg. Slide ROP:21.06Percent Slide:7.69 - 11.67

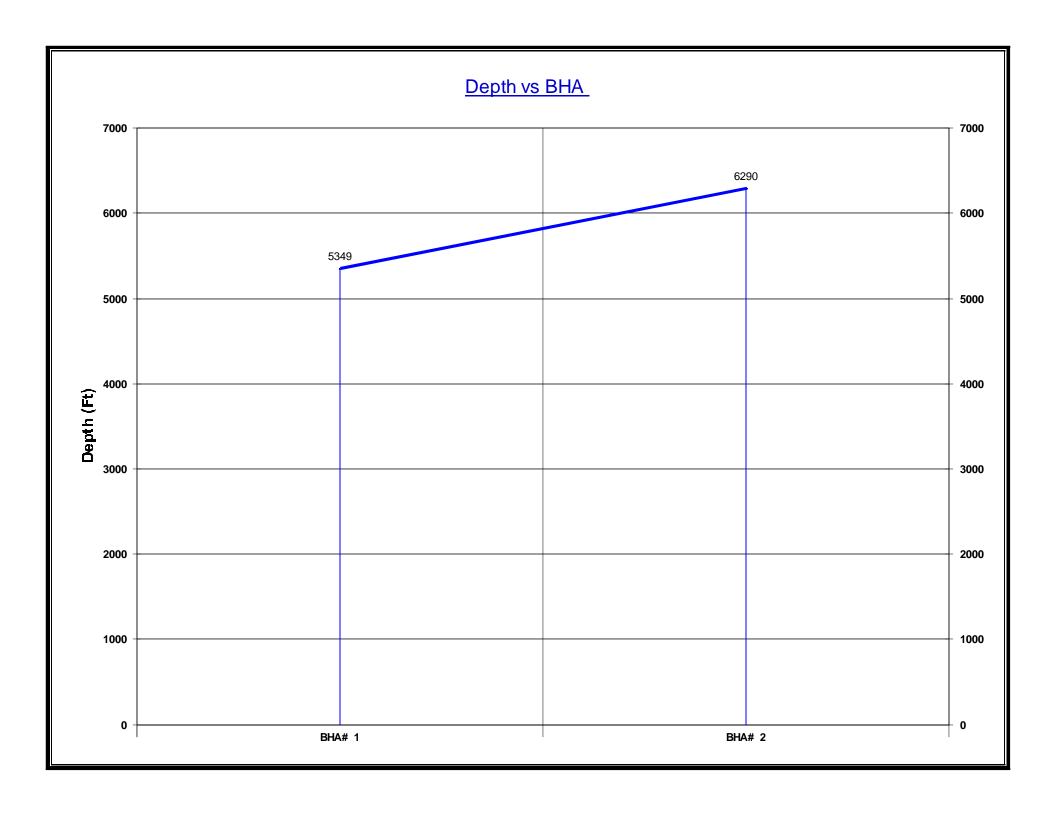
DEPTH% - TIME %

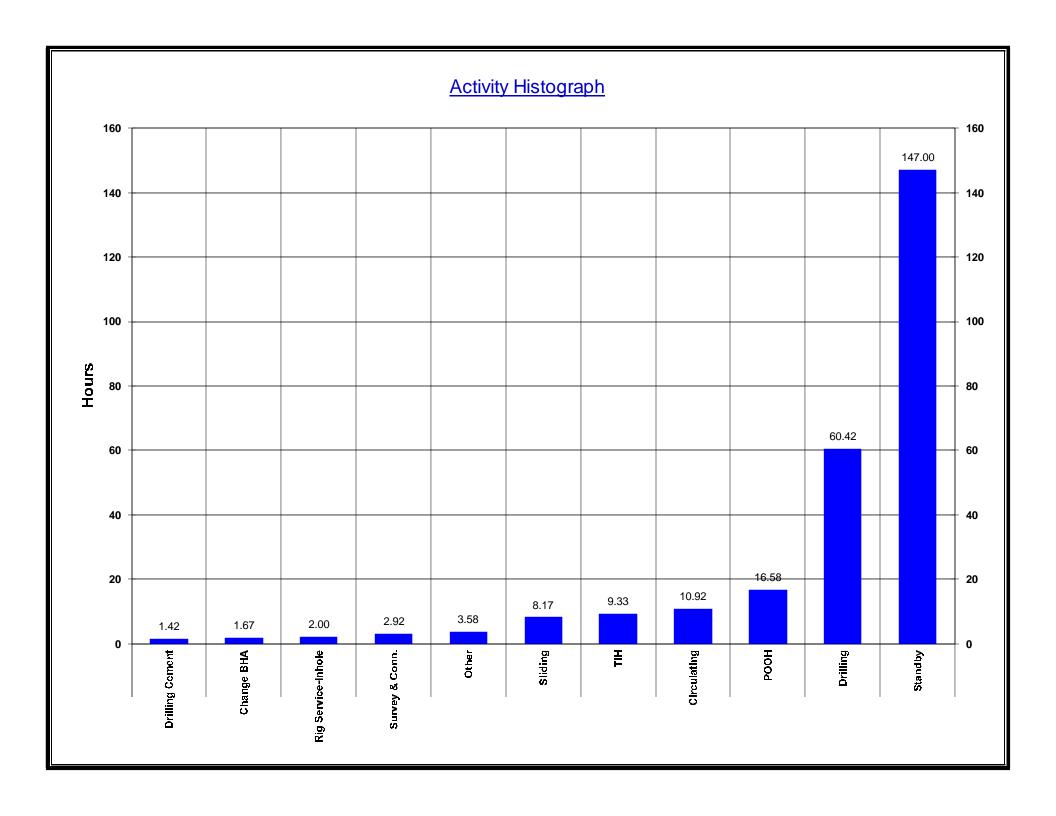


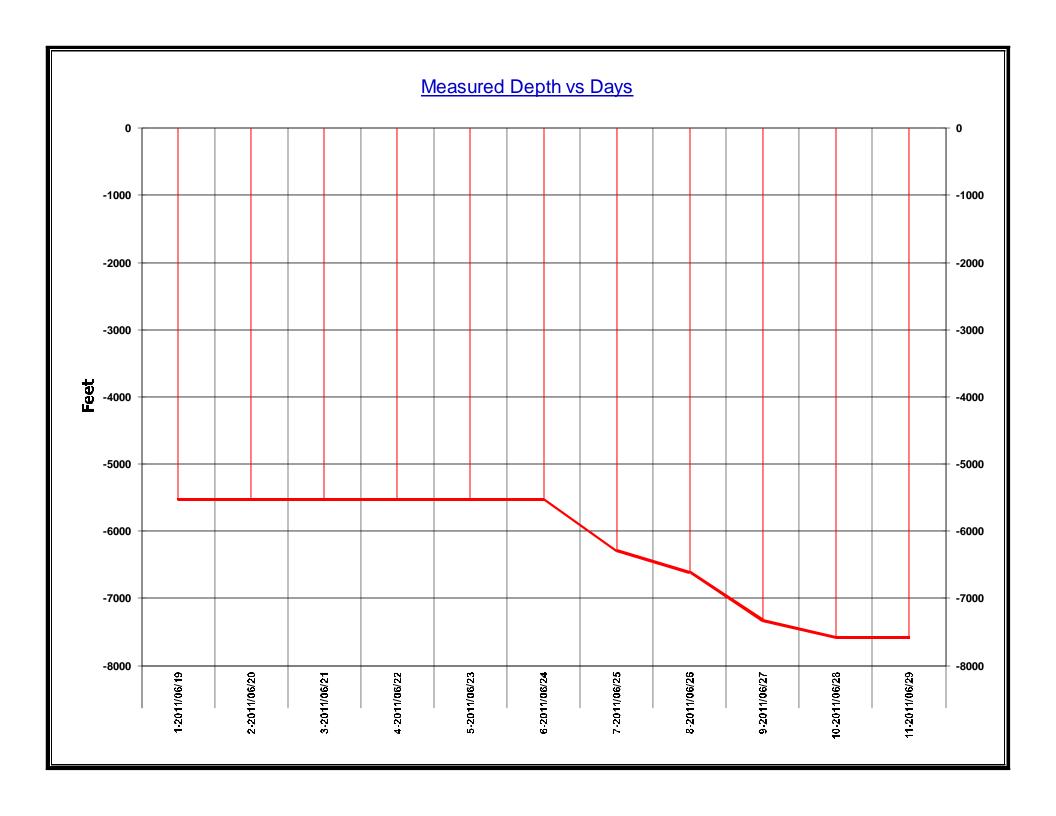
JOB NO.:	CA-11473	FIELD:	Canyon Country			
Company:	Patera Oil and Gas	Township:	31 S			
LOCATION:	Cisco State	SECT\RANGE:	36	24 E		
RIG NAME:	Frontier 7	COMMENT				
STATE:	Utah					
COUNTY:	San Juan]				
WELL NAME:	36-13	1				

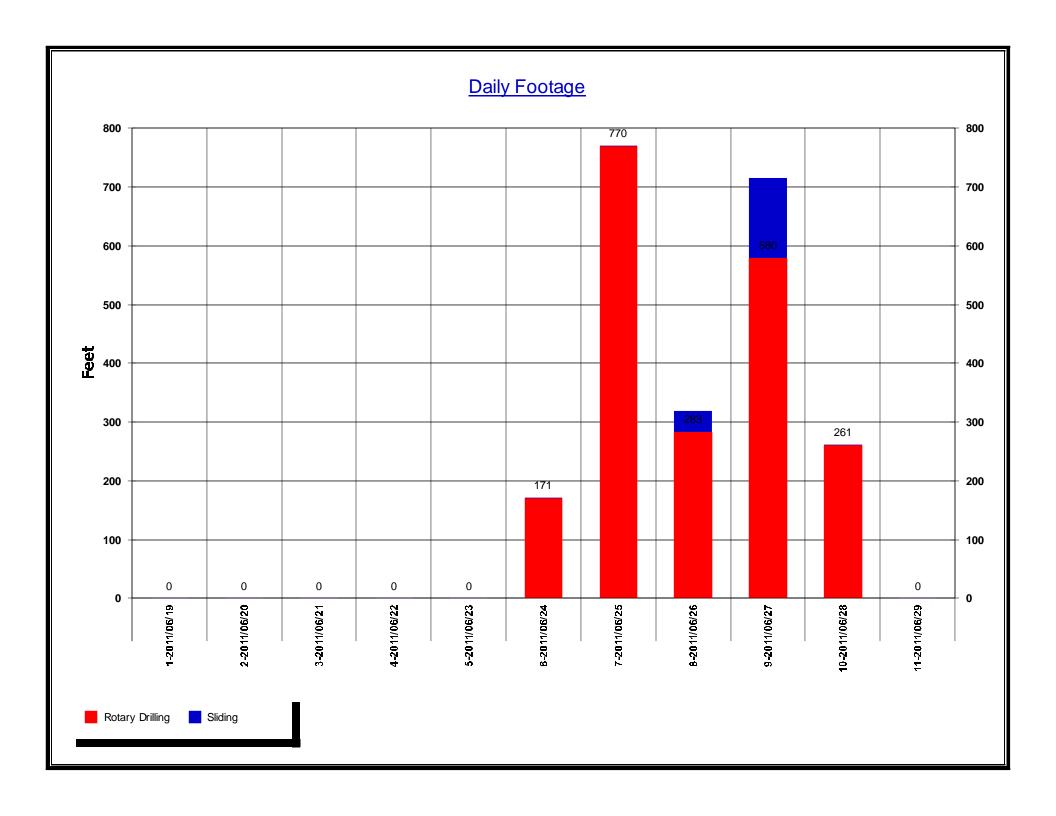


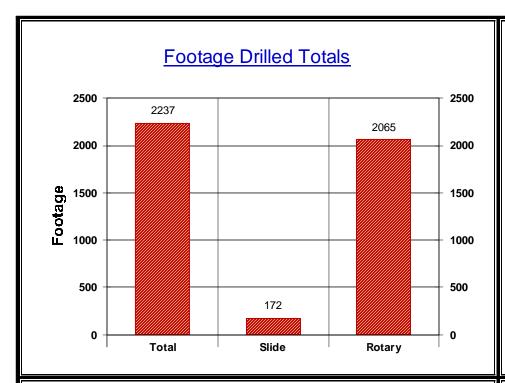


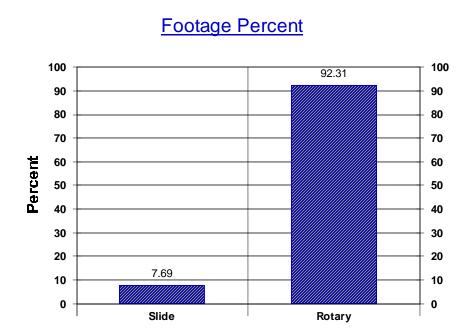


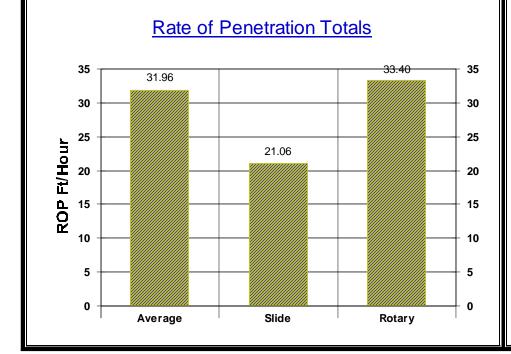


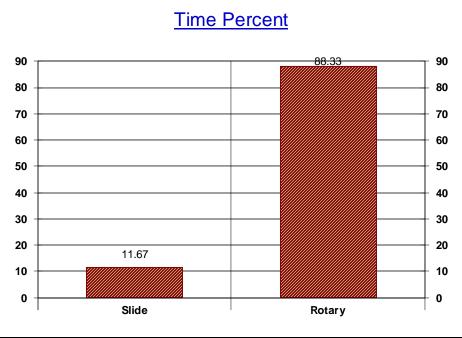












AMENDED REPORT [FORM 8

			DEPAR DIVISIO	TMEN		ATURA	L REŜQ		G			The state of the s	A CONTRACT OF THE PARTY OF THE	(hi 5. L	ghligh	t cha			FC	DRM 8 ER:
	L COMI	DIET	ION (7D E	DECC	MDI	ETIO	N PF	=POF	 ΣΤΔ	NE	LOG		6. II	= INDIA	N, ALI	LOTTEE C	R TRI	BE NAME	
1a. TYPE OF WELL									• ••					7. L	JNIT or	CA AG	GREEMEN	T NAM	IE .	
Ia. TITLOT WELL	•	w		;	GAS WELL	<u></u>	DRY [_]	ОТН	_{ER} –										
b. TYPE OF WORK NEW WELL	HORIZ.	DE EN	EP-		RE- ENTRY		DIFF. RESVR.		от⊦	IER				-		o St	and NUMB			
2. NAME OF OPERA Patara Oil		LC													4303					
3. ADDRESS OF OF	PERATOR:	*			·				200	Pl		NUMBER:	-077				OOL, OR V	VILDC.	AT	
600 17th St			ITY Der	iver		STATE	СО	ZIP 8UZ	202		(30	3) 563-	3//		Wild			OWN	SHIP, RANG	 E.
4. LOCATION OF W AT SURFACE:			3 FEL	Sec.	36 T3	1S R2	24E								MERID				24E S	
								:I Soc	. 26 T	215	₽2 <i>/</i>	F		"	VVINE		JO J	13	24L 0	,
AT TOP PRODU	CING INTERV	AL REPOI >	1416	ον: ι }	100 F	INL, I)43 FE	L Sec	. 30 1	310	1127	r L		12.	COUN	ΓY			3. STATE	
AT TOTAL DEPT	н: 1458	FNL, 1	1 5 43 F	ĖL S	ec. 36	T31S	R24E	J	d' Y	K.K	145	M			San		า			UTAH
14. DATE SPUDDED			.D. REACH	IED:	16. DAT				ABANDON	ED 🗸	7	READY TO	PRODUC	E 🗍		LEVAT	TIONS (DF	, RKB	, RT, GL):	
6/7/2011 18. TOTAL DEPTH:		7/2/20		PLUG	BACK T.E	3/201		-				MPLETION	S. HOW	MANY? *			BRIDGE	MD	7,550	
10. TOTAL DEFTA.	ייי 7,9. דעס 7 ,9.	_] '). 1 LOC	DAOI III	TVD	Ø			1		7MI 2217011	-,			PLUG	S SET:		7,550	
22. TYPE ELECTRIC			IICAL LOG	S RUN (Submit co	y of each	, 		<u> </u>	23.										
Logs will be	sent via	UPS t	o the [OGN	1 .					WAS	DST	L CORED? RUN? NAL SURVE	Y ?	00 NO NO		YES YES	=	(Subr	mit analysis) mit report) mit copy)	
24. CASING AND LI	INER RECORD	(Report	all strings	set in w	eli)															
HOLE SIZE	SIZE/GRA	DE	WEIGHT	(#/ft.)	TOP	(MD)	вотто	M (MD)	STAGE (CEMEN EPTH	TER	CEMENT 1 NO. OF S		SLU VOLUM	RRY IE (BBL) (CEMENT T		AMOUNT	PULLED
20	20 (Con	Con	d)	10	00			_	G	100			\bot	0-CI			<u>0</u>
17.5		J-55	54.					191				III	818			+	0-CI			0
12.25		ICI	47		(397				-	474				1300-0			0
8.75	7 F	116	32		6,8	25	.7,9	47				G	309			+	6825-0	JAL	1 00	325
	· ·	_														+			+	
	<u> </u>	<u>i</u> _					<u> </u>		<u> </u>		1				_	Щ.			<u> </u>	
25. TUBING RECOR	DEPTHS	ET (MD)	PACKE	R SET (MD)	SIZE	:	DEPTH	SET (MD) P/	ACKEF	R SET (MD)	<u> </u>	SIZE		DEP	TH SET (I	MD)	PACKER S	SET (MD)
SIZE	DEFILIS	LI (MD)	FAORE			0.20			· (,								
26. PRODUCING IN	TERVALS					•				27. PE	ERFOR	RATION REC	ORD							
FORMATION	NAME	TOP	(MD)	вотто	OM (MD)	TOP	(TVD)	вотто	M (TVD)			L (Top/Bot -	MD)	SIZE	NO. F		S P	ERFO	RATION STA	
(A)										6,8			851	.34		4	Open	ᆜ	Squeezed	
(B)										7,5			590	.34	—	3		<u>_</u>	Squeezed	<u> </u>
(C)										7,60			603	.34	— —	2	+		Squeezed	<u> </u>
(D) Canel]						<u> </u>		7,6	06		613	.34		28	Open	<u> </u>	Squeezed	
28. ACID, FRACTUR	RE, TREATME	NT, CEME	NT SQUE	EZE, ET	c. 							VOE 05 111	FEDIAL							
	INTERVAL		_		<u></u>	400			AM	OUNI	AND I	YPE OF MA	ERIAL							
5,297-6851			Cem	ent S	queez	e 196	SKS													
											-				_					
29. ENCLOSED AT	TACHMENTS:		<u> </u>												_		30	. WEL	L STATUS:	
✓ ELECTION	RICAL/MECHA	NICAL LO		CEMENT	(VERIFIC	ATION	\equiv	GEOLOGI CORE AN	IC REPOR	RT	_	DST REPOR	₁ ☑ R	DIREC	CTIONA EIV	L SUF	RVEY	Te	mp. A	۸bd.

(CONTINUED ON BACK)

NOV 0 4 2011

31. INITIAL PRO	DUCTION			INT	ERVAL A (As sho	wn in item #26)					
DATE FIRST PR		TEST DATE	:	HOURS TESTE	D;	TEST PRODUCTIO RATES: →	N OIL – BBL:	GAS – MCF:	WATER -	BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRES	S. API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	ON OIL - BBL:	GAS – MCF:	WATER	BBL:	INTERVAL STATUS:
	<u> </u>	<u> </u>	•	INT	ERVAL B (As sho	wn in item #26)					
DATE FIRST PR	ODUCED:	TEST DATE	:	HOURS TESTE	D:	TEST PRODUCTIO	N OIL – BBL:	GAS - MCF:	WATER -	BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRES	S. API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	ON OIL BBL:	GAS – MCF:	WATER -	BBL:	INTERVAL STATUS:
				 INT	ERVAL C (As sho	wn in item #26)					
DATE FIRST PR	ODUCED:	TEST DATE	:	HOURS TESTER	D:	TEST PRODUCTIO RATES: →	N OIL – BBL:	GAS – MCF:	WATER -	BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRES	S. API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	ON OIL BBL:	GAS – MCF:	WATER -	BBL:	INTERVAL STATUS:
				INT	ERVAL D (As sho	wn in item #26)					
DATE FIRST PR	ODUCED:	TEST DATE		HOURS TESTER	D:	TEST PRODUCTIO RATES: →	N OIL – BBL:	GAS - MCF:	WATER	BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRES	S. API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	ON OIL - BBL:	GAS – MCF:	WATER -	BBL:	INTERVAL STATUS:
32. DISPOSITIO	N OF GAS (Sold,	Used for Fue	, Vented, Etc.)	1					•		
33. SUMMARY	OF POROUS ZON	ES (Include A	quifers):				34. FORMATION	(Log) MARKERS:			
Show all importar tested, cushion u	nt zones of porosit sed, time tool ope	y and contents n, flowing and	thereof: Cored interv shut-in pressures and	rals and all drill-sten I recoveries.	n tests, including de	epth interval					
Formatio	on	Top (MD)	Bottom (MD)	Descrip	tions, Contents, etc).		Name		(1	Top Measured Depth)
							La Sal Hatch Ismay Hovenwee Gothic Desert Cre Alkali Cane Cre	eek			4,343 4,742 4,948 5,064 5,154 5,250 5,427 7,584
35. ADDITIONA	L REMARKS (Incl	ude plugging	procedure)					- 11			
Alkali Guld	ch & Cane	Creek te	sted dry; aba	ndoned. Rei	maining per	fs: 7621-762	6 & 7632-70	636, 4SPF, C	Cane Cre	ek, a	abandoned.
36. I hereby cer	tify that the foreg	oing and atta	ched information is	complete and corr	ect as determined	from all available re	ecords.				
NAME (PLEAS	E PRINT) Chri	stopher /	A. Noonan			τιτιε Pro	duction Te	chnician_			
SIGNATURE_		_//	6-			10/	28/2011				
This report m	ust be submit	ed within 3	0 days of								

- completing or plugging a new well
 drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

Utah Division of Oil, Gas and Mining Send to:

1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

801-359-3940 Fax:

^{*} ITEM 20: Show the number of completions if production is measured separately from two or more formations.

^{**} ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).



Downhole Well Profile - Well Completion Report

RECEIVED

NOV 0 4 2011

DIV. OF OIL, GAS & MINING Well Name: Cisco State 36-13 Well Configuration Type
Vertical Surface Legal Location
T31S R24E Sec. 36 NWNE ML 48737
KB-Ground Distance (ft) Spud Date 43-037-50008 Wildcat Utah Original KB Elevation (ft) PBTD (All) (ftKB) Total Depth All (TVD) (ftKB) Original Hole - 7,942.9 6,012.00 22.00 6/7/2011 20:30 7/6/2011 06:00

		115		,012.00	22.00	6/7/2
Well	bore	Prof	i/e			
1970		-6	Vertica	al - Original Ho	le, 10/28/2011 2:10:03 PM	
MD (ftK	TV D (ftK	Incl	DL			
B)	B)	(°)	S		Vertical schematic (actual)	
16.1	16.1	0.5	0-2			
22.0	22.0	0.5			1-1; Conductor Pipe	
100.1	100.1	0.5			18.000; 22.0-100.0; 2-1; Casing Joints;	78.00 13
1,299.9	1,299.9	0.5			3/8; 12.615; 22.0-1, 1,469.00	491.0;
1,491.1	1.491.1	0.5			3-1; Casing Joints;	9 5/8;
1,500.0	1,500.0	0.5			8.681; 22.0-5,397.0 5,375.00);
5,296.9	5.296.7	0.7			4-1; Casing Joints; 6.094; 22.0-7,947.0 7,925.00	
5,397.0	5.396.8	0.7				
5,399.9	5,399.7	0.7	2			
6,850.1	6.848.0	4.8	1	nan nan	Perforated; 6,850.0 6,851.0; 9/22/2011	_
6,851.0	6.849.0	4.8			6,851.0; 9/22/2011	
6,943.9	6,941.5	5.0	5	70		
7,549.9	7,546.5	3.4		CASO CARCO		
7,555.1	7,551.7	3.4		2000		
7,587.9	7,584.5	3.4		ester lester	Perforated; 7,588.0	
7,589.9	7,506.4	3.4		1000	7,590.0; 7/19/2011	
7,600.1	7,596.6	3.4		व्यक्त	Perforated; 7,600.0	-
7,603.0	7,509.5	3.4		200	7,603.0; 7/19/2011	
7,606.0	7,602.5	3.4		90 80 80	Perforated; 7,606.0) -
7,612.9	7.609.3	3.4		स्वतः (वस्त्रकात् स्वतः (कार्य)कारमध्य	7,613.0; 8/1/2011	
7,621.1	7,617.5	3.4		N.	Perforated; 7,621.0 7,626.0; 7/19/2011)_
7,626.0	7.622.4	3.4		90909	7,020.0, 7/19/2011	
7,631.9	7.628.3	3.4		200 P200 0	Perforated; 7,632.0 7,636.0; 7/19/2011)_
7,636.2	7.632.6	3.4		earestas (202) State	7,636.0; 7/19/2011	
7,946.9	7.942.8	3.4		3	E	
			11111			

22.0	22.0	0.5	1-1; Conductor Pipe; 20;
100.1	100.1	0.5	2-1; Casing Joints; 13
1,299.9	1,299.9	0.5	3/8; 12.615; 22.0-1,491.0; 1,469.00
1,491.1	1.491.1	0.5	
1,500.0	1,500.0	0.5	3-1; Casing Joints; 9 5/8; 8.681; 22.0-5,397.0; 5,375.00 4-1; Casing Joints; 7;
5,296.9	5.296.7	0.7	6.094; 22.0-7,947.0; 7,925.00
5,397.0	5.396.8	0.7	
5,399.9	5,399.7	0.7	}
6,850.1	6.848.0	4.8	Perforated; 6,850.0- 6,851.0; 9/22/2011
6,851.0	6.849.0	4.8	6,851.0; 9/22/2011
6,943.9	6,941.5	5.0	
7,549.9	7,546.5	3.4	
7,555.1	7.551.7	3.4	
7,587.9	7,584.5	3.4	Perforated; 7,588.0-
7,589.9	7,586.4	3.4	Perforated; 7,588.0- 7,590.0; 7/19/2011
7,600.1	7,596.6	3.4	Perforated; 7,600.0-
7,603.0	7,509.5	3.4	7,603.0; 7/19/2011
7,606.0	7,602.5	3.4	Perforated; 7,606.0-
7,612.9	7.609.3	3.4	7,613.0; 8/1/2011
7,621.1	7,617.5	3.4	Perforated; 7,621.0- 7,626.0; 7/19/2011
7,626.0	7.622.4	3.4	Q 8
7,631.9	7.628.3	3.4	Perforated; 7,632.0-
7,636.2	7.632.6	3.4	Perforated; 7,632.0- 7,636.0; 7/19/2011
7,946.9	7.942.8	3.4	Š į

	Comment
Directional Profile	
Vertical - Original Hole, 10/28/2011 2:10:03 PM	Tubing Strings
Directional schematic (actual)	Tubing Description
	Item Des
	Other In Hole
	Description Bridge Plug - Per
	Production Volu
	Start Date:
	Gas Volume Ove
	Product Type:
	Liquid Volumes
	Production Type
Perforated; 6,850.0-6,851.0; 9/22/2011 Perforated; 7,588.0-7,590.0; 7/19/2011 Perforated; 7,600.0-7,603.0; 7/19/2011 Perforated; 7,606.0-7,613.0; 8/1/2011 Perforated; 7,621.0-7,626.0; 7/19/2011 Perforated; 7,632.0-7,636.0; 7/19/2011	~

711 20.00		11012	3110	0.00								ngii	iai i	1010 - 1	,942.8	2
Wellbore	Drilling	Summ	ary			Marie Sala						Zas.	Sile			
0 "		6: 4:)		ct Top		t Btm				100				Тор	Act E	
Section		Size (in)		22.0		100.0		Start D		_	nd Date /2011		(TVD)	(ftKB)	(TVD) (ftKB)
										_		-				
Surface		17 1/2		100.0		500.0		7/201			/2011	_				
Intermedia		12 1/4		,500.0		400.0	_	10/20			0/201	1				99.8
Production		8 3/4	5,	,400.0	7,	947.0	6/2	8/21/2011 7/2/2011					5,3	399.8	7,9	42.9
Casing St	rings															
	Csg Des			OD (in)		Wt/Le	n /ll-	(64)		Grad		Cat	D41	(#I/D)	Set D	
Conductor				OD (III)	20	VVULE	-).25	Con		ie	Set	_	100.0	(TVD)	(πκΒ)
Surface			_	13	3/8	***		1.50						491.0		
Intermedia	ıto.		-		5/8				HCI					397.0		00.0
Production			+	9												96.8
					7		32	2.00	P-1	10			7,	947.0	7,9	42.9
Cement	- 0	-1.0		151004	4.00					Sign						
Conducto	Est Top		Btm	Est To		Est Btr	_ 1	- CHI SANS	armen and		A ====:			Yield		
Fluid	(ftKB)		(B)	(TVD) (f		(TVD) (ft		(Class		Amou (sack			/sack)	Dens (lb/gal
Lead	22.	0 1	00.0	J. Hora				G			-	100				
Surface C	asing C	ement	Casi	ing, 6/9	9/201	1 18:3	30									
	Est Top	Est	Btm	Est To	ор	Est Btr	n	3/6	21		Amou			Yield		
Fluid	(ftKB)		(B) 00.0	(TVD) (f	tKB)	(TVD) (ft	KB)	Тур	Class		(sack	(s) 368	(ft ^s	³ /sack) 2.81	Dens (1.60
	1,300.											31/2/2				
Tail			91.0					Тур				150		1.47	1.	4.20
Intermedia	Est Top							6:00						C 11		
Fluid	(ftKB)		Btm (B)	Est To (TVD) (f		Est Btr (TVD) (ft		(Class		Amou (sack			Yield 3/sack)	Dens (lb/gal
Lead	1,300.	0 5,0	00.0			4,999		Тур	e III			324		4.24		9.50
Tail	5,000.	0 5,3	97.0	4,99	9.8	5,396	8.6	Туре	e III			150		2.15	1:	2.50
Productio	n Casir	g Cem	ent, C	Casing	. 7/5/	2011	06:0	00								
	Est Top	Est	Btm	Est To	ор	Est Btr	n	1967			Amou	unt	,	Yield		
Fluid Lead	(ftKB) 6,944.		(B) 47.0	(TVD) (f	_	(TVD) (ft	-	G	Class		(sack	<u> </u>	(ft ^s	3/sack)	Dens (
						7,942	9	G				120		1.17	1	5.80
Cement S	Est Top		Btm	Est To		Est Btr	_				A		,	Calal		
Fluid	(ftKB)		(B)	(TVD) (f		(TVD) (ft		(Class		Amou (sack			Yield 3/sack)	Dens (lb/gal
Squeeze	5,297	0 6,8	51.0	5,29	6.8	6,848	3.9	G				196		1.17	1	5.80
Zone Name	Forma	tions														
Alkali Gulo	:h		Wellbo	_{ore} inal Ho	le	Top D	epth		27.0	Bott	om Dept	n (ftK 7,5 8		Btm - To		56.0
Status Da		7/2011	Tong			bando	nec		27.0		Fluid				2,1	50.0
Zone Name			Wellbo	ore		Top D		(ftKB)		Bott	om Dept			Btm - To	p (ftKB)	
Cane Cree			Origi	inal Ho					84.0						-7,5	84.0
Status Da	te: 7/27	7/2011		Statu	ıs: A	bando	nec	1			Fluid	Тур	e:			
Perforation																
Date 9/22/2011	Top (ftk	(B) ,850.0	3tm (ftK		Zone	li Cula	h () ri a i n	al LI	ماه			Sho	t Dens	Calcula	
Comment	0	,030.0	0,	,851.0	Aika	ii Guic	11, C	Jigii	а п	ole				4.0		
Date	Top (fth		3tm (ftK		Zone	_				34.			Sho	t Dens	Calcula	
7/19/2011 Comment	/	,588.0	/,	,590.0	Can	e Cree	k, (Origin	nal H	ole				4.0		
Continent																
Date	Top (fth		3tm (ftK		Zone								Sho	t Dens	Calcula	
7/19/2011	1 7	,600.0	7,	,603.0	Can	e Cree	k, C	Origin	nal H	ole				4.0		13
Comment																
Date	Top (fth	(B) I	3tm (ftK	(B) I	Zone								Sho	t Dens	Calcula	ated
8/1/2011		,606.0		,613.0		e Cree	k, (Origin	nal H	ole				4.0		29
Comment				17.												
Date	Top (fth	(B) I	3tm (ftK	(B)	Zone								Cha	t Dono	Colori	oto d
7/19/2011		,621.0		,626.0		e Cree	k. (Oriair	nal H	ole			Sno	t Dens 4.0	Calcula	ated 21
Comment			- '			2.00	-, \							1.0		_
			2													
Date 7/19/2011	Top (fth	(B) ,632.0	3tm (ftK 7	(B) ,636.0	Zone	e Cree	k C	riair	ו ופר	olo			Sho	t Dens	Calcula	
Comment		,002.0	1,	,000.0	Jan	- Ciee	۸, ر	Jugil	iai F	OIE				4.0		17

Tubing Description Run Date String Length (ft) Set Depth (ftKB) Item Des Make OD (in) Wt (lb/ft) Other In Hole
Description

Volume (MCF):

Production Volumes Test Date Start Date: End Date:

Gas Volume Over Test Date

Product Type:

Liquid Volumes Over Test Date

Production Type: Volume (bbl):



SUPPLEMENTAL CEMENT JOB REPORT

Field Receipt # 1001815293

Page 2 of 2

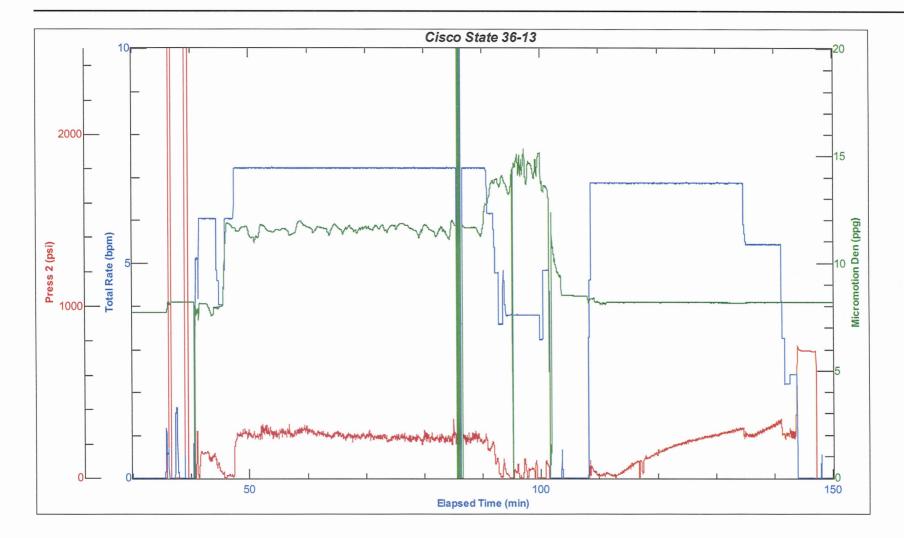
Lieid Veceib	100101	<u> </u>					Fage0i				
CUSTOMER Patara Oil 8	Gas II C		DAT	E -JUN-11	F.R. # 100181	5293	SERV. SUPV. DELBERT S GALLEGOS				
	LL NAME - OC	SG		ATION		·	COUNTY-PARISH-BLOCK				
Cisco State				and Junction			San Juan Utah				
DISTRICT			DRI	LING CONT	RACTOR RIG	#	TYPE OF JOB Surface				
Grand Junct	tion			<u> </u>			Surface				
	F	RESSURE/F	RATE DETAI	L							
TIME	PRESSU	JRE - PSI	RATE	Bbl. FLUID	FLUID		EXPLANATION				
HR:MIN	PIPE	ANNULUS	BPM	PUMPED	TYPE						
40.45	1 11 -	7				convov and	safety meeting				
<u>16:45</u> 17:00				_			or location				
20:15						arrive to loc	ation				
20:20							up meeting				
20:30				_			and rig up iron and hoses				
21:15						pre job safe	to finish running casing				
01:00 01:34	3300	0	.5	2	WATER	pre job said	st lines to 2000psi				
01:39	148		. 6	3	WATER	pump 20 bb	l fresh water spacer				
01:44	254	_0	6	3			t 334bbls lead @ 11.6ppg				
01:49	247	0	7.2	50		rate pressu					
01:57	302 251	0	7.2 7.2	100	CEMENT	rate pressu rate pressu	re				
02:03 02:10	232	0	7.2	200	CEMENT	rate pressu	re				
02:17	209	0	7.2	250	CEMENT	rate pressu	Te				
02:24	245	0	7.2	300	CEMENT						
02:27	222	0	7.2	330	CEMENT		art tail 39bbls @ 14.2ppg				
02:39 02:39	220	0	6.1	15 38		rate pressu	t drop plug				
02:39	69	0	4.6	1	WATER		cement				
02:53	89	0	6.9	50	WATER	rate pressu	re				
03:00	200	0	6.9	90	WATER	cement to s					
03:02	223	0	6.9	100	WATER	rate pressu					
03:09	271 318	0	6.9 5.4	150 200	WATER WATER	rate pressu					
03:17 03:18	305	0	2.4	210	WATER	slow rate to	2bpm until bump plug				
03:24	776	0	0	223	WATER	bump plug	o 900psi hold for 5 minutes				
03:30	0	0	0	223	WATER	bled off pre	ssure float held				
						top out	ropping wait 4hours on cement to				
08:13	569	0	3,4	2	CEMENT	start top ou					
08:16	0	Ö	0	9	CEMENT		urface end top out.				
						Kept return	s throughout job				
						133bbls cer	ment to surface.				
						RECEIVED					
							NOV 0 4 2011				
						I	DIV. OF OIL, GAS & MINING				
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERV. SUPV.				
YN	900	Ϋ́Ν	133	625	0	Y N					



BJ Services JobMaster Program Version 3.50 *Job Number: 1001815293*

Customer: Patara

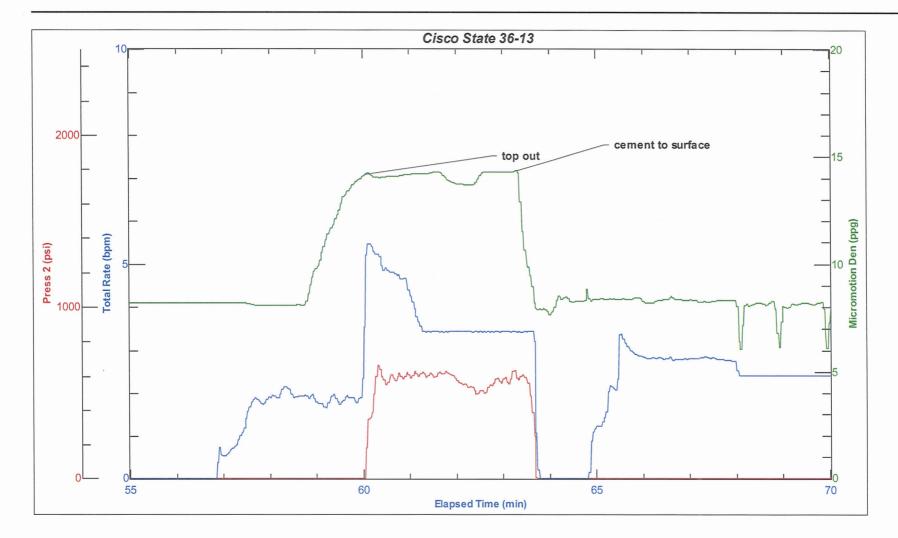
Well Name: Cisco State 36-13





BJ Services JobMaster Program Version 3.50 Job Number: 1001815293 Customer: Patara

Well Name: Cisco State 36-13



Patara Oil & Gas, LLC

San Juan County, UT Section 36-T31S-R24E Cisco State 36-13 Frontier #7

Survey: Final Survey Report

Standard Survey Report

08 July, 2011



NOV 0 4 2011

DIV. OF OIL, GAS & MINING

Crescent Directional Drilling, IP

Survey Report



Company:

Patara Oil & Gas, LLC

Project: Site:

San Juan County, UT Section 36-T31S-R24E

Well:

Cisco State 36-13

Wellbore: Design:

Frontier #7 Frontier #7

Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference:

Survey Calculation Method:

Database:

Well Cisco State 36-13

WELL @ 6013.0ft (Frontier #7 (21' KB)) WELL @ 6013.0ft (Frontier #7 (21' KB))

True

Minimum Curvature

EDM 2003.16 Single User Db

Project

San Juan County, UT

Map System:

US State Plane 1927 (Exact solution)

Geo Datum:

NAD 1927 (NADCON CONUS)

Map Zone:

Utah South 4303

System Datum:

Mean Sea Level

Site

From:

Section 36-T31S-R24E

Site Position:

Lat/Long

Northing: Easting:

512,024.87 ft 2,653,022.92ft Latitude:

38° 3' 4.100 N 109° 13' 55.272 W

Position Uncertainty:

0.0 ft

Slot Radius:

Longitude:

1.39

Grid Convergence:

Well

Cisco State 36-13

Well Position

+N/-S

+E/-W

0.0 ft 0.0 ft Easting:

512,024.87 ft 2,653,022.92 ft Latitude: Longitude:

38° 3' 4.100 N 109° 13' 55.272 W

Position Uncertainty

0.0 ft

Wellhead Elevation:

06/20/11

6,013.0 ft

10.68

Ground Level:

5,992.0 ft

Wellbore

Frontier #7

Magnetics

Model Name

IGRF2010

Sample Date

Declination (°)

Dip Angle (°)

Field Strength

64.29

(nT) 51,276

Design

Frontier #7

Audit Notes:

Version:

1.0

Phase:

ACTUAL

Tie On Depth:

0.0

Vertical Section:

Depth From (TVD) (ft) 0.0

+N/-S (ft) 0.0

+E/-W (ft) 0.0

Direction (°) 127.81

Survey Program

Date 07/08/11

From (ft)

To (ft)

Survey (Wellbore)

Tool Name

Description

5,396.0

7,947.0 Final Survey Report (Frontier #7)

MWD

Survey								Les 154518 92		
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (%100ft)	
2,400.0	0.50	127.80	2,400.0	-6.4	8.3	10.5	0.00	0.00	0.00	
5,396.0	0.70	127.80	5,395.8	-25.6	33.1	41.8	0.01	0.01	0.00	
5,438.0	0.20	127.80	5,437.8	-25.9	33.3	42.2	1.19	-1.19	0.00	
5,530.0	0.70	119.30	5,529.8	-26.2	33.9	42.9	0.55	0.54	-9.24	
5,624.0	0.80	147.20	5,623.8	-27.1	34.8	44.1	0.40	0.11	29.68	
5,717.0	0.80	150.00	5,716.8	-28.2	35.5	45.3	0.04	0.00	3.01	
5,809.0	1.00	160.40	5,808.8	-29.5	36.1	46.6	0.28	0.22	11.30	
5,902.0	1.70	150.50	5,901.7	-31.4	37.0	48.5	0.79	0.75	<i>-</i> 10.65	
5,994.0	2.20	149.50	5,993.7	-34.2	38.6	51.4	0.54	0.54	-1.09	
6,087.0	2.30	155.30	6,086.6	-37.4	40.3	54.7	0.27	0.11	6.24	
6,180.0	2.10	145.90	6,179.6	-40.5	42.0	58.0	0.44	-0.22	-10.11	
6,273.0	3.00	161.80	6,272.5	-44.2	43.7	61.6	1.22	0.97	17.10	
6,366.0	3.70	163.10	6,365.3	-49.4	45.3	66.1	0.76	0.75	1.40	

Crescent Directional Drilling, IP

Survey Report



Company: Project: Patara Oil & Gas, LLC San Juan County, UT

Site: Well: Section 36-T31S-R24E Cisco State 36-13

Wellbore: Design: Frontier #7 Frontier #7 Local Co-ordinate Reference:

TVD Reference:

MD Reference:

North Reference: Survey Calculation Method:

Database:

Well Cisco State 36-13

WELL @ 6013.0ft (Frontier #7 (21' KB))

WELL @ 6013.0ft (Frontier #7 (21' KB))

True

Minimum Curvature

EDM 2003.16 Single User Db

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
6,459.0	4.40	161.50	6,458.1	-55.7	47.4	71.5	0.76	0.75	-1.72
6,554.0	4.50	157.10	6,552.8	-62.5	50.0	77.8	0.37	0.11	-4.63
6,647.0	4.10	154.30	6,645.5	-68.9	52.8	84.0	0.49	-0.43	-3.01
6,742.0	4.20	148.80	6,740.3	-74.9	56.1	90.3	0.43	0.11	-5.79
6,836.0	4.70	151.40	6,834.0	-81.3	59.7	97.0	0.57	0.53	2.77
6,930.0	5.10	156.10	6,927.6	-88.5	63.3	104.2	0.60	0.43	5.00
7,024.0	4.30	158.20	7,021.3	-95.6	66.3	110.9	0.87	-0.85	2.23
7,117.0	2.70	150.30	7,114.2	-100.7	68.6	116.0	1.79	-1.72	-8.49
7,210.0	2.50	155.90	7,207.1	-104.4	70.6	119.8	0.35	-0.22	6.02
7,303.0	2.70	164.50	7,300.0	-108.4	72.0	123.3	0.47	0.22	9.25
7,397.0	3.00	171.00	7,393.8	-113.0	72.9	126.9	0.47	0.32	6.91
7,490.0	3.30	176.30	7,486.7	-118.0	73.5	130.4	0.45	0.32	5.70
7.534.0	3.40	180.00	7,530.6	-120.6	73.6	132.1	0.54	0.23	8.41
7,947.0	3.40	180.00	7,942.9	-145.1	73.6	147.1	0.00	0.00	0.00

Targets

Target Name - hit/miss target - Shape	Dip Angle Dip Dir.	TVD (ft)	+N/-S +E/-W (ft) (ft)	,	Northing (ft)	Easting (ft)	Latitude Longitude
Cisco	0.00 0.00	8,313.0		0.0	512,024.87	2,653,022.92	38° 3' 4.100 N 109° 13' 55.272 W
 survey misses t Circle (radius 50 	arget center by 404.3ft a 0.0)	t 7947.0ft N	MD (7942.9 TVD, -14	↓5.1 N,	73.6 E)		

- - •

Survey Annotations

Measured	Vertical	Local C	oordinates						
Depth (ft)	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Comment					
7,947.0	7,942.9	-145.1	73.6	Projected S	urvey to	rotal Depth			

Checked By:	Approved By:	Date:	

CEMENT JOB REPORT



CUSTOMER Patara Oil & Gas, LLC DATE 22-JUN-11								N-11 F.R. # 1001819375 SERV. SUPV. JAMES D POTTER								_				
LEASE & WELL	NAME				LC	CATION							1		Y-PAR		LOC	K		
Cisco State 3	6-13														luan Uta	ah				
DISTRICT Grand Junctio	n				Di	RILLING CONT	IRACI	JR RIG	-					Intern	F JOB nediate					
SIZE &		F PLUG	S I		LIST-CS	<u>G-HARDWAR</u> E			LOVO	-		HYSICA		1		PU		Bb		Bbl
9-5/8" Top Cen	n Plug, I	Vitrile cv	<u> </u>		Collar, Ba Shoe 9-5/	II Valve, 9-5/8 - /8 - 8rd	- 8rd	_ (ACKS OF MENT	W	URRY GT PG	SLUR YLD FT ³			ATER SPS	TIN HR:	1E	SLURR		MIX WATER
		MAT	ERIALS FL	JRNIS	HED BY B	J														
Surfactant Wa	sh										8.4			Ì					10	
Mud Clean I											8.4								20	
Surfactant Wa											8.4								10	
35:65:10 w/LW						L63			324		9.5		1.24		14.96	+		260.	-+	122.52
35:65:6 Type I	II+.04#s	kSF+.3°	%f163+.25#	skCF	2%cd32				150		12.5		2.15		11.37	 		57.	-+	40.62
Fresh Water								_			8.4					-		3	92	
.025#skCF+.3%CD32+.5%sms+.5gl100skPS+5%CSE+8%Bent+ 3#skKS+.2%SMS+.3%ba59+.5gl100skFP+10#skCSE+6%bent											9.5					\vdash	-		0	
		_									12.5							= 10		100.11
Available Mix	Water_	800	Bbl.	Availa	ble Displ		_	bl.							T01			749.	_	163.14
	HOLE				1		BG-CS			PTH		GRADE	_		HOE	COL		DEPTH:		STAGE
12.25	% EXCE 35	SS	DEPTH 5400		9.625	WGT. 47 (/PE	DE		00 N-8		7		540	00		5353	-	SIAGE (
	ST CAS	ING		 		MT RET-BR PL			PE	RF. DI	EPTH	-	TOF	CO	NN	!	٧	VELL FL	JID	······································
SIZE WGT		PE	DEPTH		BRAN	D & TYPE		DEPTH	TOF	-	втм	SIZ			EAD	TY				WGT.
13.38 54.5	CSG		1530	No P	acker					q			.625					ASED M	U	10
DISPL. VOLU	JME			L. FLL		CAL. PSI		MAX PSI	├──-			AX TBG						MIX WATER		
VOLUME	MOU		TYPE		WGT.	BUMP PLUG	то	REV.	SQ.	PSI	RAT		perat		RAT		O	perator		
392	BBLS	Fresh \	Nater	1	8.4	1993		0		0		0		0	(870		5496	RIG	TANK
						<u> </u>	L		<u> </u>				_							
						Circ	ulatio	n Prio							Circ	dotion	Det	o: C D		
Circulated We				BJ [+	ulation									e: 6 B		
Mud Density		LBS/G		d Den	sity Out:	10 LBS/GAL	-		R YP M			f Oil-	4'			& YPI	X	Out: 30 YES		-
Gas Present:	NO	X	YES		Units:			1				f Circula	tion:		NC	, [<u>시</u>	159		
						Displac	cemer													<u>.</u>
Displaced By		Rig		BJ 🕽	=				ount Ble						BBLS					
Returns Duri			NONE			<u> </u>	JLL					Returns:		VISI				7		
Cement Retu				YES	X	NO						at Surfa			X	NO		YES		
Pipe Moveme	ent:		TATION		ECIPRO	CATION	NONE			E DUI	108	TUCK F	-1	Typo		- T	OW.		IGIE	
Centralizers:		NO			YES	SQUEEZI		Quantity:		/ANIF	OLD.	□ NI		Type			OW		IGIL	·
Job Pumped	Inrough	<u>ı:</u>	CHOK	E IVIAI	VIFOLD	SQUEEZI			Ц.	/MAINIF	OLD	IN	O IVI	-UVIII-V	<u> </u>			-		
 							1	Plugs	D-"-	11		<u> </u>			\ 	0		<i>.</i>		
Number of Atte			VI		ompetitio	n:			er Balls		:	X NO			YES YES	Qua	antity	·		
Plug Catcher U Was There a B			X NO		YES YES				bow Us			X NO		Bott	om of	Plua:	FT	•		
	Ottorn.							<u> </u>					. 1-			lug.			-	
<u> </u>						pdate Origi				-			7 30							
BLOCK SQUE	BLOCK SQUEEZE SHOE SQUEEZE TOP OF LINER SQUEEZE PLANNED UNPLANNED iner Packer: X NO YES Bond Log: X NO YES PSI Applied: Fluid Weight: LBS/GAL																			
Liner Packer:		X NO		ÆS			nd Log:	XΝ		YE		PSI App		lab'		iuid V	veigi	π: LBS	/ب/c	
<u> </u>						Update Ori							ry J	(ao		·				
Casing Test Pro	essure:		PSI	W	ith	LBS/GAL	Mud	Time	Held:	Н	lours M	/linutes						****	_	
EXPLANATION	TROU	BLE SET	TTING TO)L, RU	NNING C	SG, ETC. PRIO	R TO C	EMENTI	NG:											

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JUN-22-11 16:16:30

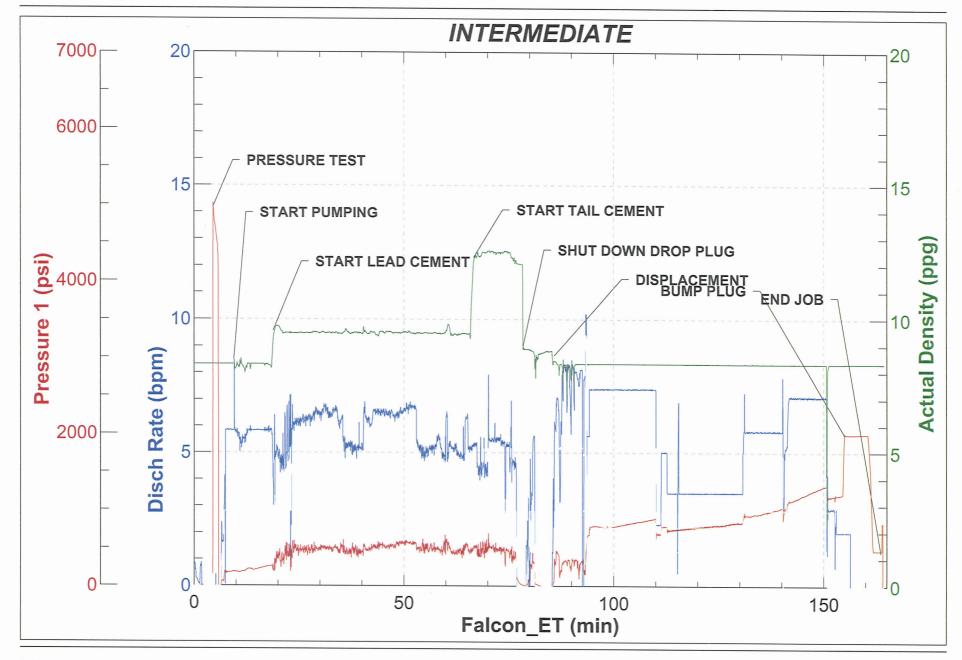
Page 1

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NOV 0 4 2011

Customer: PATARA

Well Name: CISCO STATE 36-13



CEMENT JOB REPORT

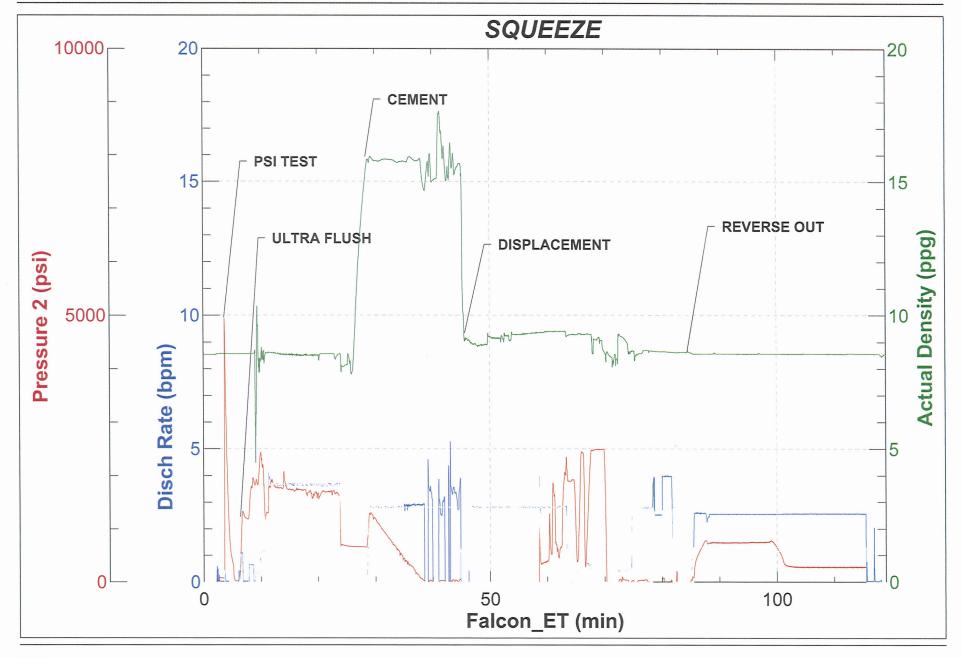


CUSTOMER	PATARA	OIL	& GAS LLC		DATE 23-S	SEP-11	F.R. #	10018	54949			SER	V. SUPV.	JAMES	D POTTER			
LEASE & WEL			Pf 43037500080	000	LOCATION 36-31S-24								JNTY-PARI San Juan Uta		СК			
DISTRICT		<u> </u>	1-1000100000		DRILLING (OR RIG	#					TYPE OF JOB Lona Strina					
Grand Junct	ion 3 TYPE C	F PI	LUGS	LIST	-CSG-HARDW	/ARE				Pł	IYSICAL	SLU	RRY PROF	PERTIES				
Ret Brdg Plug				Mech Set R	etainer 7 inch	17-35#	_ '	ACKS OF MENT	SLUI WG PP(SLURR YLD FT ³	Υ	WATER GPS	PUMP TIME HR:MIN	SLURR			
			MATERIALS F	URNISHED E	BY BJ					-		1						
Treated Water	 er			<u> </u>						8.4				1		34		
Class G Cerr	ent w/Ad	ditiv	es					189 15.8 1			1.	17	4.98			40 22.7		
Fesh Water										8.34						10		
Ultra Flush II										8.34				<u></u>	ļ	40		
Available Mix	Water_	24	40 Bbl.	Available D	ispl. Fluid	164 Bbi. TOTAL									24 22.7			
0175	HOLE	-00	DEDTH	0175	MOT	TBG-CS	G-D.P. YPE	l ne	PTH	1 4	GRADE	_	SHOE		R DEPTH	STAGE		
SIZE 8.5	% EXCE	:55	DEPTH 6950	SIZE	7 WGT.	32 CSG	IFE	DE	6950		3NAUE_	十	SHOL	<u> </u>	LUAI	JIAGL		
	AST CAS	ING	<u> </u>	PK	R-CMT RET-B	R PL-LINE	₹	PEF	RF. DEF	PTH	1	ГОР	CONN		WELL FL	OIL		
SIZE WG	T T	/PE	DEPTI	CEMENT F	RAND & TYPE		DEPTH 6850		000	BTM 690	SIZE	4	THREAD	TYPE FRESH	MATER	WGT. 8.3		
	40 CSG	_		PL. FLUID	CAL. P	el Cal I	MAX PSI				X TBG P	61	<u> </u>	AX CSG		MIX		
DISPL. VOI	UOM	H	TYPE										Operator	WATER				
39.9	BBLS	Tre	ated Water		8.4	0	802 2500 10570 8456 0						0	FRAC				
																TANK		
TIME HR:MIN.		SSU	RE - PSI	RATE BPM	Bbl. FLUID PUMPED	FLUID					CREW		CO. REP.	X				
	PRE	SSU	RE - PSI				SA	FETY M	EETIN				CO. REP.	X				
HK.MIN.	PIPE		ANNULUS		T OILL ED			ST LINE					BJ	X				
04:45							LEA	VE YAF	₹D									
08:00					<u> </u>			LOCAT	ION									
09:00							RIG											
10:25		00	-					ETY ME			· · · · · · · · ·							
10:37	50 17	 -	0	3.7	40	SPACER		RA FLL		! 								
10:56	16		0	3.7	10	 		CER										
11:04	12		0	2.8	40	CEMENT	CEN	/ENT										
11:20	24		0	2.8	34			PLACE	MENT									
11:45		0	0	0				SH UP ÆRSE (71 IT									
11:59 12:29	6	04	604	3	80	WATER		DOWN						_				
BUMPED PLUG	PSI TO BUMP PLUG	•	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED		PSI LEFT O	N TO	SPOT OP OUT	T	ERVIC	E SUPER	RVIS	OR SIGNA	TURE:		.		
Y N	. 200			4	204	0	Y											
		1							•									
															ofu.			

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Customer: PATARA
Well Name: CISCO STATE 36-13



CEMENT JOB REPORT



CUSTOMER Patara Oil & Gas, LLC		DATE 04-JUL-1	11 F.I	F.R. # 1001834970 SERV. SUPV. JASON B THOMAS								
LEASE & WELL NAME		LOCATION		COUNTY-PARISH-BLOCK								
Cisco State 36-13 - API 43037500800000		36-31S-24E						San Juan Uta	ah			
DISTRICT Farmington		DRILLING CON Froniter Drilling		RIG#				PE OF JOB Lona Strina				
SIZE & TYPE OF PLUGS	LIST-	CSG-HARDWARE			1			URRY PRO	,	1 5		
BJ Cement Plug, Rubber, Top 7 in	Float Collar,	Al Flap, 7 - 8rd		SACKS	SLUR	1 -	JRRY LD	WATER GPS	PUMP	Bbl SLURR		
	Float Shoe 7	7 - 8rd		CEMENT	PPG		Т3		HR:MIN		WATER	
MATERIALS FU	JRNISHED B	Y BJ										
Ultra Flush II					1	4.5					22	
Fresh Water + 1gpt Claytreat 3C						3.34			ļ		5	
Class G Cement w/Additives				120	 -	5.8	1.17	4.98	03:21	25.0		
Fresh Water + 1 gpt Claytreat 3C					ļ	8.4			<u> </u>	285		
Available Mix Water 400 Bbl.	Available Di	spl. Fluid 40	0Bbi.					тот		337.7		
HOLE			BG-CSG-		COTIL	GRAI)E	SHOE		LOAT	STAGE	
SIZE	SIZE	WGT. 7 32	TYP CSG	E D	7955	P-110	JE .	79:		7912.6	1	
LAST CASING	<u> </u>	R-CMT RET-BR P		PE	RF. DEP		TO	CONN		NELL FLU	JID	
SIZE WGT TYPE DEPTH	BR	AND & TYPE		РТН ТО	РВ		IZE	THREAD	TYPE		WGT.	
9.625 53.5 CSG 5400	No Packer			0	q	o _	7	8 RD	OIL BASE	ED MUD	13.9	
DISPL. VOLUME DISP	L. FLUID	CAL. PSI	CAL. MA			MAX TE			AX CSG P		MIX WATER	
VOLUME UOM TYPE	WG	r. BUMP PLUG	TOR	EV. SQ.	PSI F	RATED	Opera			perator		
285 BBLS Fresh Water + 1	gpt C	8.4 2417		0	0	0		0 8	9968		Frac and Rig Tank	
	<u> </u>	Circ	- lotion	Prior to	ob.	1			11			
	D. 57	Circ	ulation	Circulation		1.5		Circu	ılation Rat	e 5 R		
	B) X								& YP Mud			
	d Density Ou		AL	PV & YP N		58	ulotion			YES	<u>' </u>	
Gas Present: NO X YES	Unit						diation		<u> </u>	120		
Displaced By: Rig	BJ [X]	Dispia	cement	And Mud Amount Bl				2.5 BBLS				
Displaced By: Rig NONE	<u></u>	ARTIAL X F	ULL	Method Us			ns:	Visual		· · · · · · · · · · · · · · · · · · ·		
Cement Returns at Surface:		X NO	OLL	Were Retu		<u> </u>		X	NO	YES		
Pipe Movement: ROTATION		ROCATION	NONE	UNABI	E DUE T	TO STUC	<pre>CPIPE</pre>					
Centralizers: X NO	YES			antity:				Type:	BOW	R	GID	
	E MANIFOLD	SQUEEZ	E MANIFO	DLD X	MANIFOL	LD	NO M	ANIFOLD				
-		<u>il</u>	Ple	ugs								
Number of Attempts by BJ: 0	Competi	ition: 0		Wiper Balls	: Used:	X	NO	YES	Quantity	y:		
Plug Catcher Used: X NO	YES			Parabow U	sed:	X	NO	YES				
Was There a Bottom: X NO	YES			Top of Plug	: 0 F1	Γ		Bottom of I	Plug: 0 F	-T		
	Squeezes	(Update Orig	inal Tre	atment R	eport fo	or Prima	ary Jo	b)				
BLOCK SQUEEZE SHOE SC	UEEZE	TOP OF LII	VER SQU	EEZE [PL	ANNED		UNPLANN	ED 📗			
Liner Packer: X NO	ÆS	Boi	nd Log:	X NO	YES	PSI A	pplied:	F	luid Weig	ht: LBS	/GAL	
	asing Tes	t (Update Ori	ginal Tr	eatment	Report	for Prin	nary J	lob)			·	
Casing Test Pressure: 0 PSI	Casing Test Pressure: 0 PSI With 0 LBS/GAL Mud Time Held: 00 Hours 00 Minutes											
	Shoe Test	(Update Orig	inal Tre	eatment R	eport f	or Prim	ary J	ob)	·			
Depth Drilled out of Shoe: 0 FT				Target EMV	V: O LE	BS/GAL		Actual EN	/W: 0 LE	BS/GAL		
Number of Times Tests Conducted:	0			Mud Weigh	t When T	Cest was C	Conduct	ted: 0	LBS/GAL			
EXPLANATION: TROUBLE SETTING TOO s bulk truck broke down on way to locat		CSG, ETC. PRIC	R TO CE	MENTING: (asing cr	ew had p	roblem	s before we	arrived or	n location	. Grand Jucti	

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CEMENT JOB REPORT



Problems Before Job (I.E. Running Casing, Circulating Well, ETC)

Casing crew had problems before we arrived on location. Grand Juction's bulk truck broke down on way to location. Truck coming with air compressor broke down on way to location.

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

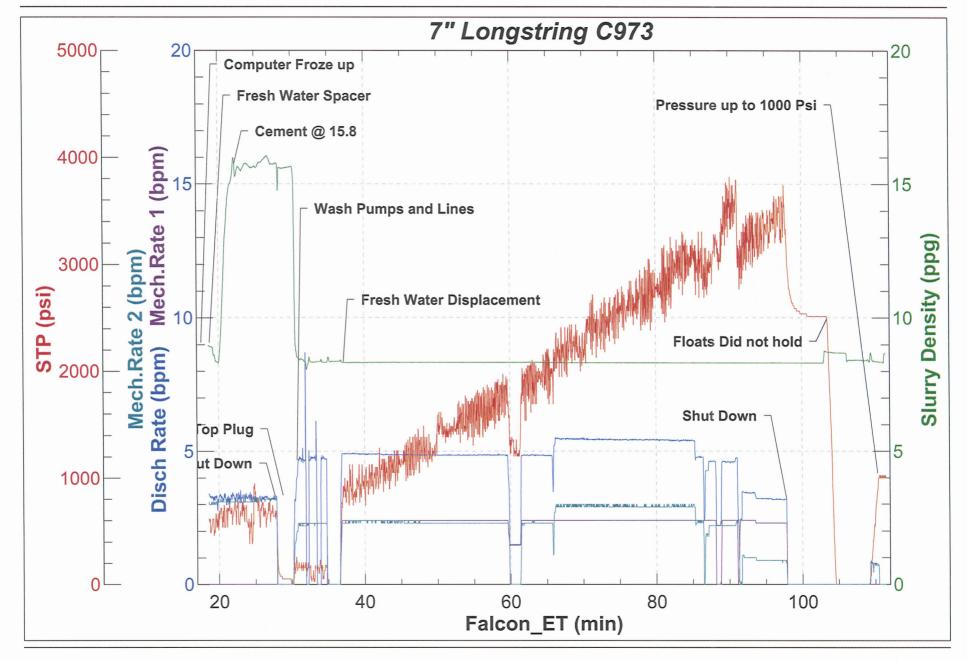
Did Not Bump Plug went 1 bbl over cap to try and pump plug.

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC) Floats Did Not Hold.

PRESSURE/RATE DETAIL									EXPLAN	ATI	ON
TIME	PRESSU	RE - PSI	RATE	Bbl. FLUID	FLUID	SAFETY ME	TING: BJ CR	w X	CO. RE	P.	X
HR:MIN.	PIPE	ANNULUS	ВРМ	PUMPED	TYPE	TEST LINES	4500				1
							WELL - RIG	X	BJ		X
16:30	0	0	0	0	N/A	ARRIVED ON	LOCATION				
16:30	0	0	0	0	N/A	PRE-RIG UP	SAFETY MEET	ING			
17:00	0	0	0	0	N/A	READY TO S					
17:00	0	0	0	0	N/A	WAITING ON	CASING TO F	INISH F	RUNNING	ЭC	ASING
08:45	0	0	0	0	N/A	SAFETY MEE	TING				
09:18	50	0	2.5	0	H20	STAGE FRES	H WATER TO	PIT			
09:23	4500	0	0	5	H20	PRESSURE 7	EST LINES				
09:29	632	0	3	0	SPACER	STAGE ULTF	A FLUSH II @	14.5 LE	3		<u></u>
09:36	531	0	3	22	H20	STAGE FRES	H WATER SPA	CER			
09:38	640	0	3	5	CMT	STAGE LEAD	CEMENT @ 1	5.8			
09:45	0	0	0	25	CMT	SHUT DOWN					
09:45	50	0	3	0	H20	WASH PUMPS AND LINES					
09:55	o	0	0	15	H20	DROP TOP PLUG					
09:55	960	0	5	0	H20	STAGE FRESH WATER DISPLACEMENT					
10:05	1255	0	5	50	H20	STAGE FRES	H WATER DIS	PLACE	MENT		
10:16	1517	0	5	50	H20	STAGE FRES	H WATER DIS	PLACE	MENT		
10:27	2330	0	5.5	50	H20	STAGE FRES	H WATER DIS	PLACE	MENT		
10:36	2663	0	5.5	50	H20	STAGE FRES	H WATER DIS	PLACE	MENT		
10:45	2817	0	4	50	H20	STAGE FRES	H WATER DIS	PLACE	MENT		
10:53	3150	0	3	25	H20	STAGE FRES	H WATER DIS	PLACE	MENT		
10:56	2685	0	0	11.5	H20	SHUT DOWN	OVER DISPL	ACED E	BY 1 BBL		
10:58	0	0	0	0	H20	BLEED OFF I	RESSURE				
10:58	0	0	0	0	H20	FLOWED BA	K 2.5 BBLS				
10:59	0	0	0	0	H20	FLOATS DID	VOT HOLD				
10:59	0	0	0	0	N/A	TOP OF LEA	CEMENT @	6920'			
10:59	0	0	0	0	N/A	TOP OF ULTI	A FLUSH II @	5946			
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supe	rvisor S	Signature	:	
YN		YN	0	342	0	YN					

Customer: Patara

Well Name: Cisco State 36-13





United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
http://www.blm.gov/ut/st/en.html

JUN 0 1 2012

IN REPLY REFER TO: 3160 – UTU88213X (UT922100) 43.037.5008 Cisco State 36-13 31.5 24E 36 RECFIVED

MIN 0 5 2012

DIV. OF OIL. GAS & MINING

Ms. Cassandra Squyres
Patara Oil and Gas LLC
Dominion Towers
600 17th Street, Suite 1900S
Denver, CO 80202

Re: Cisco Unit

San Juan County, Utah

Dear Ms. Squyres:

The Cisco Unit, UTU88213X, San Juan County, Utah, automatically terminated effective March 28, 2012, pursuant to the last paragraph of section 9 of the Unit Agreement.

Copies of this letter are being distributed to the appropriate Federal agencies. It is requested that you furnish notice of this termination to each working interest owner, lessee and lessor.

If you have any questions, please contact Mickey Coulthard at (801) 539-4042.

Sincerely,

Roger L. Bankert

Chief, Branch of Minerals

Roja L Bankur

cc:

FOM Moab

Division of Oil Gas and Mining

SITLA

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OU. GAS AND MINING

MAY 1 0 2013

DIVISION OF OIL, GAS AND MINING 5. LEASE DESIGNATION AND SERIAL NUMBER: ISV. OF ONL, GAS S HIND ML 48737 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7 UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 1. TYPE OF WELL 8. WELL NAME and NUMBER OIL WELL GAS WELL 🗸 OTHER Cisco State 36-13 2. NAME OF OPERATOR: 9. API NUMBER: CCI Paradox Upstream, LLC (previously Patara Oil & Gas, LLC) 43037500080000 3. ADDRESS OF OPERATOR: PHONE NUMBER 10. FIELD AND POOL, OR WILDCAT: CITY Denver 600 17th Street Ste 1900S STATE CO 71D 80202 (303) 563-5378 Wildcat 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1158 FNL, 153 FEL COUNTY: San Juan QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 31S 24E STATE: **UTAH** CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE DEEPEN REPERFORATE CURRENT FORMATION NOTICE OF INTENT (Submit in Duplicate) ALTER CASING FRACTURE TREAT SIDETRACK TO REPAIR WELL Approximate date work will start: CASING REPAIR **NEW CONSTRUCTION** TEMPORARILY ABANDON 5/13/2013 CHANGE TO PREVIOUS PLANS OPERATOR CHANGE TUBING REPAIR CHANGE TUBING PLUG AND ABANDON VENT OR FLARE SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK WATER DISPOSAL (Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/RESUME) WATER SHUT-OFF Date of work completion: COMMINGLE PRODUCING FORMATIONS 7 RECLAMATION OF WELL SITE OTHER: CONVERT WELL TYPE **RECOMPLETE - DIFFERENT FORMATION** 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. **COPY SENT TO OPERATOR** CCI Paradox Upstream, LLC plans to perform interim reclamation at the well site. Date: 5-16-2013 Approved by the **Utah Division of** Oil. Gas and Mining Chrissy Lawson Regulatory Specialist NAME (PLEASE PRINT) 5/7/2013 SIGNATURE

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STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

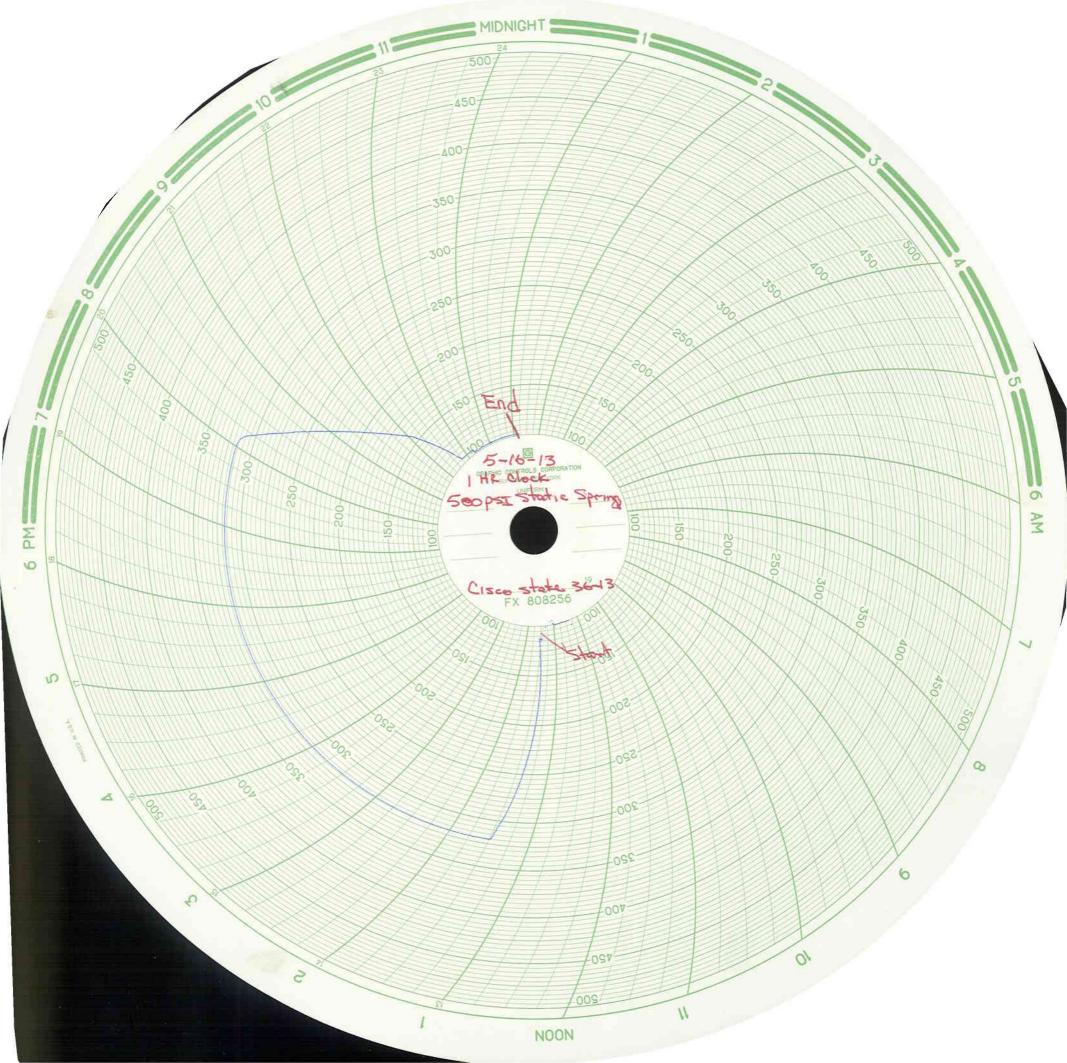
MAY 2 9 2013

FORM 9

ISION OF OIL, GAS AND MINING 5. LEASE DESIGNATION AND SERIAL NUMBER: ML 48737
OTICES AND REPORTS ON WELLS 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
ells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to UNIT or CA AGREEMENT NAME: 7. UNIT or CA AGREEMENT NAME:
GAS WELL VAME and NUMBER: Cisco State 36-13
9. API NUMBER:
4303750008
PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: Wildcat Output PHONE NUMBER: (303) 825-0685 Wildcat
, 1543 FEL Sec. 36 T31S R24E соинту: San Juan
TERIDIAN: NWNE 36 31S 24E STATE:
PRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA
TYPE OF ACTION
ACIDIZE DEEPEN REPERFORATE CURRENT FORMATION ALTER CASING FRACTURE TREAT SIDETRACK TO REPAIR WELL CASING REPAIR NEW CONSTRUCTION TEMPORARILY ABANDON CHANGE TO PREVIOUS PLANS OPERATOR CHANGE TUBING REPAIR CHANGE TUBING PLUG AND ABANDON WATER DISPOSAL CHANGE WELL NAME PLUG BACK WATER DISPOSAL CHANGE WELL STATUS PRODUCTION (STARTI/RESUME) WATER SHUT-OFF COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: Pressure Test CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION ETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Dical integrity pressure test on the subject shut-in gas well. A pump truck was hooked up to the the casing for a test period of 15 minutes. A 500 psi static spring was used with matching chart. by 320 psi, with a less than 1% leak off duration of the test, and was then bled off down to 0 psi eter recorder.
loonan TITLE Supervisor DATE 5/22/2013
5/22/2012

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Accepted by the Utah Division of Oil, Gas and Mining
For Record Only



Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold)		Operator Name Change/Merger						
The operator of the well(s) listed below has char	ged, effective:	11/1/2012						
FROM: (Old Operator): N3670-Patara Oil & Gas, LLC 600 17th Street, Suite 1900S Denver, CO, 80202		TO: (New Operator): N3945- CCI Paradox Upstream, LLC 600 17th Street, Suite 1900S Denver, CO, 80202						
Phone: 1 (303)-825-0685		Phone: 1 (303)	-825-0685					
CA No.		Unit:			1			
WELL NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS		
CISCO STATE 36-13	36 310S 240E	4303750008	18091	State	GW	TA		
Enter date after each listed item is completed 1. (R649-8-10) Sundry or legal documentation was 2. (R649-8-10) Sundry or legal documentation was 3. The new company was checked on the Depart 4a. Is the new operator registered in the State of US 5a. (R649-9-2) Waste Management Plan has been res 5b. Inspections of LA PA state/fee well sites comp 5c. Reports current for Production/Disposition & S 6. Federal and Indian Lease Wells: The BL	ns received from the ment of Commerce Utah: ceived on: lete on: undries on:	NEW operator e, Division of Co Business Numb Not Yet N/A 2/12/2013	on: Orporations per: -	8523441-0161		6/6/2013		
or operator change for all wells listed on Feder	al or Indian leases o	n. as approved me	merger, na BLM		BIA	NT/A		
7. Federal and Indian Units:		•	DELVI	. IN/A	DIA	- N/A		
The BLM or BIA has approved the successor 8. Federal and Indian Communization Ag	reements ("CA")) :		Not Yet				
The BLM or BIA has approved the operator	for all wells listed w	ithin a CA on:		N/A				
 Underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery un DATA ENTRY: 	it/project for the wa	oproved UIC Fonter disposal wel	orm 5 Tran	nsfer of Author n:	ity to N/A	-		
 Changes entered in the Oil and Gas Database Changes have been entered on the Monthly Oi Bond information entered in RBDMS on: Fee/State wells attached to bond in RBDMS on Injection Projects to new operator in RBDMS of Receipt of Acceptance of Drilling Procedures f 	perator Change Sp : on:	6/6/2013 read Sheet on: 3/13/2013 6/6/2013 N/A	N/A	6/6/2013				
BOND VERIFICATION:			11/11					
 Federal well(s) covered by Bond Number: Indian well(s) covered by Bond Number: (R649-3-1) The NEW operator of any state/fe The FORMER operator has requested a release 			nmber N/A	105877776	oK			
LEASE INTEREST OWNER NOTIFIC 4. (R649-2-10) The NEW operator of the fee wells	has been contacted	and informed by		om the Division				
of their responsibility to notify all interest owner COMMENTS:	s of this change on:		N/A					

STATE OF UTAH FORM 9 DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING 5. LEASE DESIGNATION AND SERIAL NUMBER: SUNDRY NOTICES AND REPORTS ON WELLS 6 IF INDIAN, ALLOTTEE OR TRIBE NAME n/a Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 7. UNIT or CA AGREEMENT NAME: n/a 1. TYPE OF WELL 8. WELL NAME and NUMBER: OIL WELL GAS WELL OTHER Multiple Well Transfer Multiple 2. NAME OF OPERATOR: CCI Paradox Upstream LLC 3945 3. ADDRESS OF OPERATOR: PHONE NUMBER: 10. FIELD AND POOL OR WILDCAT 600 17th St. Ste. 1900S Denver CO 。80202 (303) 825-0685 n/a 4. LOCATION OF WELL FOOTAGES AT SURFACE: n/a COUNTY: San Juan, UT QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE UTAH CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE DEEPEN NOTICE OF INTENT REPERFORATE CURRENT FORMATION (Submit in Duplicate) ALTER CASING FRACTURE TREAT SIDETRACK TO REPAIR WELL Approximate date work will start CASING REPAIR **NEW CONSTRUCTION** TEMPORARILY ABANDON CHANGE TO PREVIOUS PLANS **OPERATOR CHANGE** TUBING REPAIR CHANGE TUBING PLUG AND ABANDON VENT OR FLARE SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK WATER DISPOSAL (Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/RESUME) WATER SHUT-OFF Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE 11/1/2012 OTHER: CONVERT WELL TYPE **RECOMPLETE - DIFFERENT FORMATION** 12 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. CCI Paradox Upstream LLC (CCI), hereby requests the transfer of operating rights and responsibilities for the subject wells, listed herein, to the new owner/operator of the assets, CCI, being effective November 1, 2012. The assets were previously operated by Patara Oil & Gas LLC (Patara) prior to sale. Please see Exhibit I for a detailed list of upstream assets considered for transfer. Patara midstream assets will be transferred via a separate letter, enclosed. Bond Number: BLM: 105865919 State 105865922 (blanket bond) Four wells individually bonded (not under blanket bond) - see attached list NAME (PLEASE PRINT) Christopher A. Noonan Regulations & Production Reporting Supervisor

(This space for State use only)

SIGNATURE

APPROVED

RECEIVED

2/6/2012

DATE

FEB 07 2013

(5/2000) JUN 0 6 2013

(See Instructions on Reverse Side)

Div. of Oil, Gas & Mining.

DIV. OIL GAS & MINING

BY: Zete Cleunt For Rackel Medina

STATE OF UTAH

JAN 2 3 2013

FORM 9

DEPARTMENT OF NATURAL RESOURCES	
DIVISION OF OIL, GAS AND MINING OF OIL GAS M機能管	5. LEASE DESIGNATION AND SERIAL NUMBER: n/a
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL GAS WELL OTHER Multiple Well Transfer	8. WELL NAME and NUMBER: Multiple
2. NAME OF OPERATOR:	9. API NUMBER:
Patara Oil & Gas LLC N31070	n/a
3. ADDRESS OF OPERATOR: PHONE NUMBER: (303) 825-0685	10. FIELD AND POOL, OR WILDCAT: n/a
4. LOCATION OF WELL	
FOOTAGES AT SURFACE: n/a	соunтy: San Juan, UT
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	PRT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION
(Submit in Duplicate) ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
Date of work completion: CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF
11/1/2012 COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER:
T1772012 CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume	ies. etc.
Patara Oil & Gas LLC (Patara) hereby requests the transfer of operating rights and respons	
herein, to the new owner/operator of the assets, being effective November 1, 2012; CCI Pa	radox Upstream LLC (CCI).
	• •
Please see Exhibit I for a detailed list of upstream assets considered for transfer. Patara mi via a separate letter, enclosed.	dstream assets will be transferred
via a separate letter, enclosed.	
NAME (PLEASE PRINT) Christopher A. Noonan TITLE Regulations & PI	roduction Reporting Supervisor
Make 116	
SIGNATURE DATE 1/18/13	
This space for State use only) APPROVED	

JUN 06 2013

DIV. OIL GAS & MINING (See Instructions on Reverse Side)

BY: Zeke Clumater for Ractie | Medivia

Patara Oil & Gas, LLC (N3670) to CCI Paradox, LLC (N3945) Effective 11/1/2012

				Utah	Lease	Well	Well	
Section	Twn	Rng	API Number	Entity No.	Type	Type	Status	Bond No
16	300S	240E	4303715049				S	105877777
16	300S	240E	4303716242			L	S	105877779
16	300S	240E	4303731034				C	105877778
36	310S	+					ТЛ	105877776
	16 16 16	16 300S 16 300S 16 300S	16 300S 240E 16 300S 240E	16 300S 240E 4303715049 16 300S 240E 4303716242 16 300S 240E 4303731034	Section Twn Rng API Number Entity No. 16 300S 240E 4303715049 8123 16 300S 240E 4303716242 8123 16 300S 240E 4303731034 8123	Section Twn Rng API Number Entity No. Type 16 300S 240E 4303715049 8123 State 16 300S 240E 4303716242 8123 State 16 300S 240E 4303731034 8123 State	16 300S 240E 4303715049 8123 State OW 16 300S 240E 4303716242 8123 State OW 16 300S 240E 4303731034 8123 State OW	Section Twn Rng API Number Entity No. Type Type Status 16 300S 240E 4303715049 8123 State OW S 16 300S 240E 4303716242 8123 State OW S 16 300S 240E 4303731034 8123 State OW S



March 26, 2013

Department of Natural Resources Division of Oil, Gas and Mining Mr. Dustin Doucet, Ms. Rachel Medina 1594 West North Temple, Suite 1210 Salt Lake City, Utah 84116 RECEIVED

MAR 2 8 20:3

DIV OF CIL, GAS & MINING

Dear Mr. Doucet & Ms. Medina,

CCI Paradox Upstream LLC (CCI) would like to take this opportunity to address future operations on 4 wells owned and operated by the company located in San Juan County, Utah. On March 5, 2013 the Utah Division of Oil, Gas and Mining (UDOGM) requested CCI to submit a plan of operations for 4 wells which had been part of an asset sale from Patara Oil & Gas LLC (Patara) to CCI, effective November 1, 2012. The subject wells have been in a shut-In state for over a year while the CCI team (formerly operating as Patara) evaluated options in the Lisbon and Cisco fields. CCI proposes the following operations for the Lisbon field with work beginning in 2014:

Lisbon B-616 - Pull tubing and test well for potential in Paradox Clastic intervals. Should testing prove unproductive, CCI will put this well on a plugging list for 2014 or 2015.

Lisbon D-616 - Pull tubing and test well for potential in Paradox Clastic intervals. Should testing prove unproductive, CCI will put this well on a plugging list for 2014 or 2015.

Lisbon D-716 - Pull tubing and test well for potential in Paradox Clastic intervals. Should testing prove unproductive, CCI will put this well on a plugging list for 2014 or 2015.

CCI proposes the following operations for the Cisco acreage with work being conducted in 2014:

Cisco State 36-13 - Test well for potential in Paradox Clastic intervals.

If any questions arise from review of our proposed operations for the subject wells, please do not hesitate to give myself, or the Vice President of Operations, John Warren a call at 303-563-5377 or 303-563-5369, respectively.

Kind Regards.

Christopher Noonan

Regulations & Production Reporting Supervisor

CCI Paradox Upstream LLC

	STATE OF UTAH		FORM 9				
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIT		5.LEASE DESIGNATION AND SERIAL NUMBER: ML 48737				
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
	oposals to drill new wells, significantly reenter plugged wells, or to drill horizo n for such proposals.		7.UNIT or CA AGREEMENT NAME:				
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CISCO STATE 36-13				
2. NAME OF OPERATOR: CCI PARADOX UPSTREAM,	LLC		9. API NUMBER: 43037500080000				
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1900	OS , Denver, CO, 80202	PHONE NUMBER: 303 563-5364 Ext	9. FIELD and POOL or WILDCAT: WILDCAT				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1158 FNL 1543 FEL			COUNTY: SAN JUAN				
QTR/QTR, SECTION, TOWNS	HIP, RANGE, MERIDIAN: 36 Township: 31.0S Range: 24.0E Meri	idian: S	STATE: UTAH				
11. CHEC	K APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA				
TYPE OF SUBMISSION		TYPE OF ACTION					
	ACIDIZE	ALTER CASING	CASING REPAIR				
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME				
6/30/2014	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE				
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION				
Date of Work Completion:	OPERATOR CHANGE	✓ PLUG AND ABANDON	PLUG BACK				
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION				
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL					
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL				
DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION				
Report Date:	WILDCAT WELL DETERMINATION	OTHER	OTHER:				
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. CCI Paradox Upstream, LLC proposes to plug and abandon the captioned well. A current wellbore diagram is attached showing the well to be plugged off above the test perforations along with an additional cement retainer utilized to squeeze cement behind the 7" prod csg on 9/23/2011. Attached is a proposed wellbore diagram showing the intent to set five (5) additional cement plugs in the well and remove sections of the 7" prod csg and 9 5/8" intermediate casing. Surface facilities were never installed as the well never proved to be productive. Remediation of the site will follow the P&A work with reseeding occurring in October 2014. Summary of the proposed P&A work, as well as a detailed P&A recommendation & cementing proposal are also attached.							
NAME (PLEASE PRINT) Pamella Hill	PHONE NUME 303 563-5374	BER TITLE Reservior Technician					
SIGNATURE		DATE 5/20/2014					



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43037500080000

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.
- 2. Amend Plug #1: The CICR @ approximately 6800' should be tagged and the 100' plug should be spotted on top of the CICR from ±8600' to 8500' not from 5450' as proposed in procedure. If CICR is not present or it is tagged higher than 6800', consult with DOGM prior to proceeding with plan.
- 3. Add Plug #2A: A 100' plug (±40 sx) shall be balanced from ±3600' to 3500'. This will isolate the Hermosa top and the potential fresh water bearing formations above.
- 4. Move Plug #3: This plug should be moved downhole and spotted across the Cutler formation top from ±1800' to 1700'.
 - 5. All balanced plugs shall be tagged to ensure that they are at the depth specified.
 - 6. All annuli shall be cemented from a minimum depth of 100' to the surface.
 - 7. The interval between plugs shall be filled with noncorrosive fluid of adequate density to prevent migration of formation water into or through the well bore (R649-3-24-3.5).
 - 8. Surface reclamation shall be done in accordance with R649-3-34 Well Site Restoration.
 - 9. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.
- 10. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.
 - 11. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

RECEIVED: Jul. 07, 2014

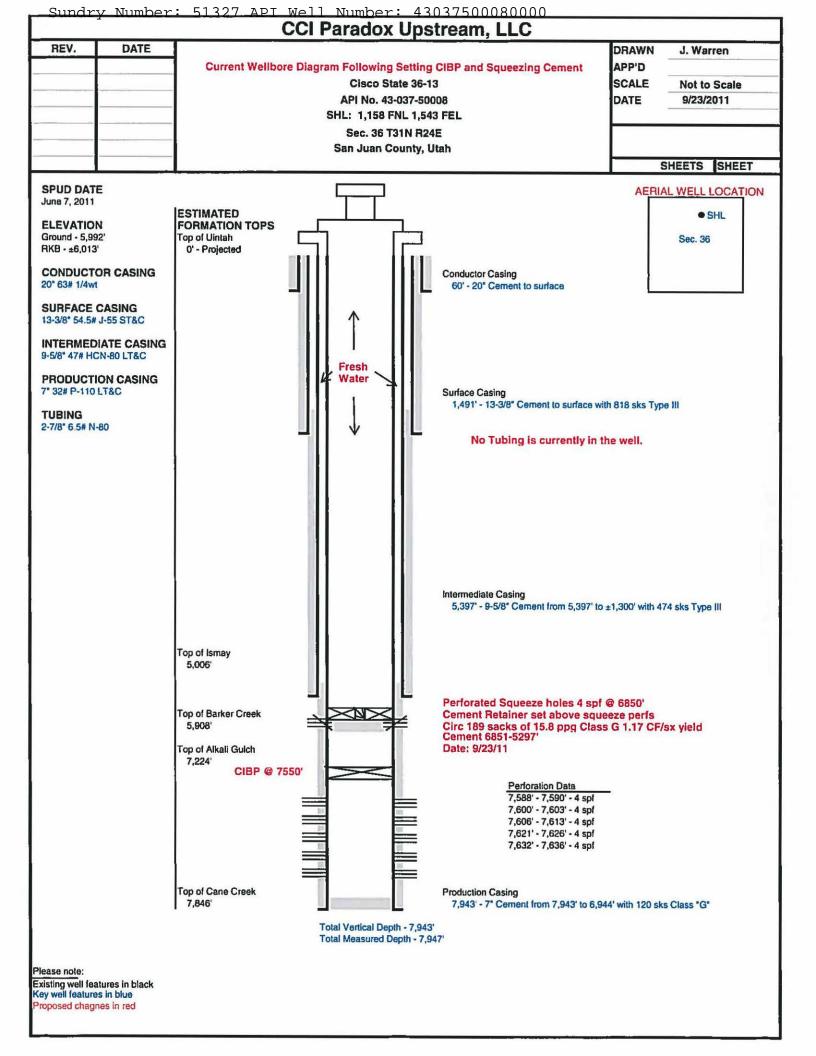
7/7/20	14			Well	bore Dia	gram				r263	
A	PI Well	No: 43-	037-50008-00-00	Permit No:		Well Nam	e/No: CISC	O STATE 3	6-13		
(Company	Name:	CCI PARADOX	UPSTREAM, LLC							
I	ocation	: Sec: 36	T: 31S R: 24E	Spot: NWNE	String Info	rmation					
(Coordina	ites: X:	655060 Y: 421296	53	Ctuin a	Bottom	Diameter	Weight	_	h Capa	city CFN
F	ield Naı	me: WIL	DCAT		String HOL1	(ft sub) 100	(inches) 20	(lb/ft)	(ft)		
(County N	Name: S.	AN JUAN		COND	100	20	63	100		
					HOL2	1491	17.5				
		ï		Ply #5	SURF	1491	13.375	54.5	1491	1-1	52
- 1	и и	Com	ent from 100 ft. to su	101= 385K	HOL3	5397	12.25				.5.0
1			ductor: 20 in. @ 100		Sul II	5397	9.625	47	5397	2.4	133
	III III		: 20 in. @ 100 ft.	10.	HOL4	7947	8.875			,,, 0	n ==
				2	PROD	7943	7	32	7947	4.9	>T
	III III	Cemen	t from 1491 ft, to su	rface Ply #4	CIBP	7550	7			6- 95	57
۵.۱		Surfac	e: <u>13.3</u> 75 in. @ 149	ft. 1501/Clas	X2-433)= 195 X	7				9, -	5
76 -		Coo Hole:	17.5 in. @ 1491 ft.	15/25 / (LIS)	(LIS2) = 38	SK					
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	11 11				SURF	1491	0	UK	668		
_ 1	∇	35001			SURF	1491	0	Т3	150		
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ત્યું » મ	-	-150	from 5397 ft. to 130								
50] -		Intermed 405ء	liate: 9,625 in. @ 53	97 ft.							
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7584 NCR	-		CALITY	GYZYK CICKEL	BRKCK BRKCK	5908					
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			5 in. @ 7947 ft.	100/(1-15)(4.937) Propose 255	x celd						
	(_	4613'	<u> </u>	§	VOVE.						
	1 0-	4013									

CCI Paradox Upstream, LLC

Plug and Abandonment Summary Cisco State 36-13 Section 36-T31N-R24E San Juan County, Utah

Summary of the proposed P&A work is as follows:

- 1. Cut 7" prod casing at 5200', recover from well.
- 2. Cement plug #1 from 5450 5340' w/25 sacks 15.9 ppg Class G cement, 5 bbls fresh wtr spacer, 26 bbls 9.7 ppg fluid.
- 3. Cement plug #2 from 5250 5150' w/30 sacks 15.9 ppg Class G cement, circulate 448 bbls of 9.7 ppg fluid.
- 4. Cut 9 5/8" intermediate casing 1250', recover from well.
- 5. Cement plug #3 from 1550 1440' w/45 sacks 15.9 ppg Class G cement, 5 bbls fresh wtr spacer, 3 bbls 9.7 ppg fluid.
- 6. Cement plug #4 from 1300 1200' w/60 sacks 15.9 ppg Class G cement, 7 bbls fresh wtr spacer for displacement.
- 7. Cement plug #5 from 50' to surface w/50 sacks 15.9 ppg Class G cement.
- 8. Cut off braden head and all casing strings 3ft below ground level.
- 9. Weld on 4" marker pipe or cap per inspector request, mark with required well information.
- 10.Well should be P&A'd with all wellbore remaining cased w/ cement behind pipe and cement plugs as required.



ELEVATION Ground - 5,992' RKB - ±6,013' CONDUCTOR CASING 20" 63# 1/4wt SURFACE CASING	ESTIMATED FORMATION TOPS Top of Uintah O' - Projected	Cisco State 36-1: API No. 43-037-500 SHL: 1,158 FNL 1,54: Sec. 36 T31N R24 San Juan County, U	3 908 3 FEL E tah Install "monument" or will instal	AERIA	J. Warren Not to Scale 5/1/2014 SHEETS SHEET
ELEVATION Ground - 5,992' RKB - ±6,013' CONDUCTOR CASING 20° 63# 1/4wt SURFACE CASING	FORMATION TOPS Top of Uintah	SHL: 1,158 FNL 1,543 Sec. 36 T31N R24 San Juan County, U	3 FEL E tah Install "monument" or will instal	AERIA	
ELEVATION Ground - 5,992' GKB - ±6,013' CONDUCTOR CASING 20" 63# 1/4wt SURFACE CASING	FORMATION TOPS Top of Uintah			AERIA	
June 7, 2011 ELEVATION Ground - 5,992' RKB - ±6,013' CONDUCTOR CASING 20" 63# 1/4wt SURFACE CASING	FORMATION TOPS Top of Uintah				AL WELL LOCATIO
CONDUCTOR CASING 20° 63# 1/4wt SURFACE CASING		<u> </u>	Cap welded over all csg strings Marked w/ required well data Plug #5		● SHL Sec. 36
		, 1	Spot 50 sxs 15.9 ppg cmt from 5 to surface	0'	
13-3/8° 54.5# J-55 ST&C INTERMEDIATE CASING 9-5/8° 47# HCN-80 LT&C PRODUCTION CASING		185 bbls 9.7 ppg Fluid	Conductor Casing 60' - 20° Cemented to surface Surface Casing 1,491' - 13-3/8" Cemented to surface v	with 818 sks T	'ype III
7° 32# P-110 LT&C TUBING 2-7/8° 6.5# N-80		*	Cut 9 5/8" intermediate csg at 12 Plug #4 - Spot 60 sxs 15.9 ppg cc	ement from	1300 - 1200'
		263 bbis 9.7 ppg Fluid	All cement plugs will be 15.9 ppg		
ו	Top of Ismay 5,006'	I <	5,397' - 9-5/8" Cemented from 5,397' to Cut 7" production casing at 5200 Plug #2 - Spot 30 sxs 15.9 ppg co)' and remo ement from	ve from wellbore s 5250 - 5150'
	Top of Barker Creek 5,908' = Fop of Alkali Gulch 7,224' CIBP @ 7550'	ZNZ ZNZ	Plug #1 - Spot 25 sxs 15.9 ppg control of the Perforated Squeeze holes 4 spf @ Cement Retainer set above sque Circ 189 sacks of 15.8 ppg Class Coment 6851-5297' Date: 9/23/11	6850'	
			Perforation Data 7,588' - 7,590' - 4 spf 7,600' - 7,603' - 4 spf 7,606' - 7,613' - 4 spf 7,621' - 7,626' - 4 spf 7,632' - 7,636' - 4 spf	2	
ד	Top of Cane Creek 7,846		Production Casing 7,943' - 7* Cemented from 7,943' to 6,	.944' with 120	sks Class "G"
		Total Vertical Depth - 7,943 Total Measured Depth - 7,9			

Plug and Abandonment Recommendation

Cisco State 36-13 Section 36-T31N-R24E San Juan County, Utah

Intend to remove as much of the 7" production casing and 9 5/8" intermediate casing as possible. Will do a block squeeze across the perforations and set cement plugs as required by the State of Utah across each casing cut point.

Production Casing:

7" 32 #/ft P-110 LT&C

Capacity: 0.036 bbls/ft; ID = 6.094"

Intermediate Casing:

9 5/8" 47 #/ft HCN-80 LT&C

Capacity: 0.0732 bbls/ft; ID = 8.681"

Surface Casing:

13 3/8" 54.5 #/ft J-55 ST&C

Capacity: 0.1545 bbls/ft

Tubing:

2 7/8" 6.5 #/ft Workstring to be brought from yard

Capacity: 0.00579 bbls/ft

Procedure:

The well and the annular area behind the 7" production casing is filled with produced water.

- Set 3 frac tanks on location. Fill one w/ 500 bbls of 9.7 ppg produced water, fill one with 180 bbls of fresh water and use the other frac tank for flow returns (which should be fresh water that can be used if needed). Volumes shown include 50 bbls of btms in each frac tank.
- 2. Bring out 221 jts of 2 7/8" workstring from the Lone Cone yard (6850'). Offload on racks.
- 3. Line up casing crew w/ casing jacks to recover 7" and 9 5/8" casing. Should also have received new thread protectors for the 7" and 9 5/8" casing that will be laid down.
- 4. Well is currently plugged with a CIBP, cement and a cement retainer above the perforations. There should be no pressure on the well unless 300 psi was left on the well from the MIT performed previously.
- 5. RU rig, ND tree, NU BOPE.
- 6. RU Lone Wolf Wireline Services w/ lubricator. The well should have fresh water in the 7" casing and in the annulus but lubricator may be needed should there be an unexpected U-tubing event. RIH and cut the casing at 5200 ft. Hold Lone Wolf Wireline on site until it is determined that the casing has been cut and can be moved.

7. RU casing crew, casing jacks and casing spear. Spear casing and pick casing up off of slips. Use casing jacks until string weight can be pulled with the rig. Continue laying down the casing. Have the threads cleaned and install thread protectors.

- 8. Load out the 7" casing and send to racks in the Lisbon yard.
- 9. MU a collar on the end, PU the 2 7/8" workstring and TIH to 5450 ft.
- 10. RU Baker Hughes cementing services. The Cementing Proposal is attached and is separated into Day 1, 2 and 3. Start w/ Day 1, Plug #1. Pump 10 bbls fresh water spacer, mix 25 sacks 15.9 ppg Class G cement, 5 bbls fresh water spacer, 26 bbls of produced water for displacement. Cement plug #1 set 5450 5340'.
- 11. PU up tubing to 5250'. Pump 10 bbls fresh water spacer, mix 30 sacks 15.9 ppg Class G cement, 30 bbls fresh water for displacement. Cement plug #2 set 5250 5150'. SD Baker until next cementing operation.
- 12. PU tbg to 5100'. Circulate 448 bbls of 9.7 ppg produced water to displace fresh water in the hole. This volume should displace all of the fresh water from the wellbore. That water and be reused if it appears to be clean.
- 13. POOH w/ tubing. Determine if able to rack back tubing while recovering casing. May have to POOH LD tbg.
- 14. RU Lone Wolf Wireline Services w/ lubricator. Caution that there may be heavier drilling water and cuttings existing in the 9 5/8" annulus vs. 9.7 ppg produced water. R!H and cut the 9 5/8" casing at 1250 ft. Hold Lone Wolf Wireline on site until it is determined that the casing has been cut and can be moved.
- 15. RU casing crew, casing jacks and 9 5/8" casing spear. Spear casing and pick casing up off of slips. Use casing jacks until string weight can be pulled with the rig. Continue laying down the casing. Have the threads cleaned and install thread protectors.
- 16. Load out the 9 5/8" casing and send to racks in the Lisbon yard.
- 17. MU a collar on the end, PU the 2 7/8" workstring and TIH to 1550 ft.

18. RU Baker Hughes cementing services. Use Cementing Procedure Day 2, Plug #1. Pump 10 bbls fresh water spacer, mix 45 sacks 15.9 ppg Class G cement, 5 bbls fresh water spacer, 3 bbls of prod water for displacement. Cement plug #3 set 1550 - 1440'.

- 19. PU up tubing to 1300'. Pump 10 bbls fresh water spacer, mix 60 sacks 15.9 ppg Class G cement, 7 bbls fresh water for displacement. Cement plug #4 set 1300 1200'.
- 20. PU tubing to 50'. Had Baker put the surface plug under Day 3 but may be able to pump Plug #5 in the same day. Pump 10 bbls fresh water spacer, mix 50 sacks 15.9 ppg Class G cement, 5 bbls fresh water spacer for displacement. Cement plug #5 set 50' to surface. RD Baker Hughes.
- 21. Send 2 7/8" workstring to Lone Cone yard or next needed work site.
- 22. Cut off the bradenhead and all casing strings 3 ft below the ground level.
- 23. Check with the State Inspector as to the type of marker to be left at the site. State regulations call for a 4" pipe 10 feet long (sealed at the top) that will extend 4' above ground level and the remained embedded in cement below the surface. The "monument" will contain the lease name, well number and location. Suggest welding a cap on the casing with the same identification if the State Inspector approves.
- 24. RD the rig and release all equipment. Haul off fluid to the Lisbon disposal well. Fill in the cellar and excavated area.
- 25. Field crew will be responsible for the site remediation.



Proposal No: 877251029A

CASTLETON COMMODITIES INTERNATIONAL CISCO STATE #36-13

API # 43-037-50008-0000 WILDCAT Field 36-31S-24E San Juan County, Utah May 2, 2014

Well Proposal

Prepared for:

John Warren Vice President of operartions CCI Paradox Upstream, LLC Prepared by:

Frank Culler
Region Technical Rep.
Mobile: 505-330-1426

Service Point:

BJS, FARMINGTON Bus Phone: 505-3276222

Fax:

505-327-5766

Service Representatives:

Harry L Mitchell Senior Sales Rep

Mobile: 505-330-0001

Powered by

PowerVision

Operator Name: Well Name:

CASTLETON COMMODITIES INTERNATIONAL

Well Name: Job Description: CISCO STATE #36-13 P & A day 1 2 plugs

Date:

May 2, 2014



Proposal No: 877251029A

JOB AT A GLANCE

Casing Size/Weight

9 5/8 in, 40 lbs/ft 7 in, 23 lbs/ft

Pump Via

Tubing 27/8" O.D. (2,441" .I.D) 6.5

Total Mix Water Required

268 gals

Plug No:

Spacer

water Density 10 bbls 8.3 ppg

Cement Slurry

Class G Neat Density Yield 25 sacks 15.9 ppg 1.13 cf/sack

Disp-Spacer

fresh water Density 5 bbls 8.3 ppg

Displacement

produced water Density

26 bbls 9.7 ppg

Plug No: 2

Spacer

water Density 10 bbls

8.3 ppg

Cement Slurry

Class G cement Density Yield 30 sacks 15.9 ppg 1.13 cf/sack

Displacement

water Density 30 bbls

8.3 ppg

Operator Name: Well Name:

CASTLETON COMMODITIES INTERNATIONAL

Job Description:

CISCO STATE #36-13 P&A day 12 plugs

Date:

May 2, 2014



Proposal No: 877251029A

FLUID SPECIFICATIONS

Spacer	= 10.0 bbls water @ 8.34 ppg
--------	------------------------------

PLUG NO.	VOLUME CU-FT	- : , o	VOLUME FACTOR	Torage	17 204200	TYPE OF CEMENT	
1	28	1	1.13	= 25 sac	cks Class	G Cement	
Disp-Spacer				= 5.0 bb	ls fresh w	ater @ 8.34 ppg	
Displacement				= 25.9 b	bls produ	ced water @ 9.7 ppg	
Spacer				= 10.0 b	bls water	@ 8.34 ppg	
2	34	1	1.13	= 30 sad	cks Class	G Cement	
Displacement				= 29.8 b	bls water	@ 8.34 ppg	
CEMENT PROPE	RTIES						
				PLUG	PLUG		
				NO.1	NO.2		
Slurry Weight (ppg)			15.90	15.90		
Slurry Yield (cf/	sack)			1.13	1.13		
Amount of Mix V	Vater (gps)			4.88	4.88		

PLUG GEOMETRY

	PLUG TOP		PLUG BOTTOM	
1	5340 ft	to	5450 ft	with 6.366 inch ID Casing PDSqT = 119 ° F PDST = 139.95 ° F
2	5150 ft	to	5200 ft	with 8.835 inch ID Casing PDSqT = 118 ° F PDST = 137.75 ° F
	5200 ft	to	5250 ft	with 6.366 inch ID Casing PDSqT = 118 ° F PDST = 137.75 ° F

Operator Name: Well Name: Job Description:

CASTLETON COMMODITIES INTERNATIONAL

CISCO STATE #36-13 P & A day 2 2 plugs

Date:

May 2, 2014



Proposal No: 877251029A

JOB AT A GLANCE

Casing Size/Weight

13 3/8 in, 54.5 lbs/ft 9 5/8 in, 40 lbs/ft

Pump Via

Tubing 27/8" O.D. (2.441" .I.D) 6.5

Total Mix Water Required

512 gals

Plug No: 1

Spacer

water 10 bbls Density 8.3 ppg

Cement Slurry

Class G Neat 45 sacks
Density 15.9 ppg
Yield 1.13 cf/sack

Disp-Spacer

fresh water 5 bbls
Density 8.3 ppg

Displacement

produced water 3 bbls
Density 9.7 ppg

Plug No: 2

Spacer

water 10 bbls Density 8.3 ppg

Cement Slurry

Class G cement60 sacksDensity15.9 ppgYield1.13 cf/sack

Displacement

water7 bblsDensity8.3 ppg

Report Printed on: May 2, 2014 1:03 PM GH109

Operator Name: Well Name:

CASTLETON COMMODITIES INTERNATIONAL

CISCO STATE #36-13 Job Description: P&A day 2 2 plugs

Date:

May 2, 2014



Proposal No: 877251029A

FLUID SPECIFICATIONS

Spacer	=	10.	0 bb	ols	water	@	8.34	4 p	pg
--------	---	-----	------	-----	-------	---	------	-----	----

PLUG NO.	VOLUME CU-FT		VOLUME FACTOR	AMOL	INT AND TYPE OF CEMENT	
1	51	1	1.13	= 45 sad	cks Class G Cement	
Disp-Spacer			*	= 5.0 bb	els fresh water @ 8.34 ppg	
Displacement				= 3.3 bb	ols produced water @ 9.7 ppg	
Spacer				= 10.0 b	bls water @ 8.34 ppg	
2	68	1	1.13	= 60 sad	cks Class G Cement	
Displacement				= 6.9 bb	lls water @ 8.34 ppg	
CEMENT PROPE	RTIES					
				PLUG NO.1	PLUG NO.2	
Slurry Weight (ppg)			15.90	15.90	
Slurry Yield (cf.	/sack)			1.13	1.13	

PLUG GEOMETRY

Amount of Mix Water (gps)

	PLUG TOP		PLUG BOTTOM	
1	1440 ft	to	1550 ft	with 8.835 inch ID Casing PDSqT = 85 ° F PDST = 97.05 ° F
2	1200 ft	to	1250 ft	with 12.615 inch ID Casing PDSqT = 83 ° F PDST = 94.3 ° F
	1250 ft	to	1300 ft	with 8.835 inch ID Casing PDSqT = 83 ° F PDST = 94.3 ° F

4.88

4.88

Gr4131

Operator Name:

CASTLETON COMMODITIES INTERNATIONAL

Well Name:
Job Description:

CISCO STATE #36-13 P & A day 3 surface plug

Date:

May 2, 2014



Proposal No: 877251029A

JOB AT A GLANCE

Casing Size/Weight

13 3/8 in, 54.5 lbs/ft

Pump Via

Tubing 27/8" O.D. (2.441" .l.D) 6.5

Total Mix Water Required

244 gals

Spacer

water Density 10 bbls

8.3 ppg

Cement Slurry

Class G Neat Density Yield 50 sacks 15.9 ppg 1.13 cf/sack

Disp-Spacer

fresh water Density 5 bbls 8.3 ppg

Displacement

produced water

-5 bbls

Density

9.7 ppg

50 sks minimum for cement.

Report Printed on: May 2, 2014 1:03 PM

Gr4109

Operator Name: Well Name:

CASTLETON COMMODITIES INTERNATIONAL

Well Name: Job Description: CISCO STATE #36-13 P & A day 3 surface plug

Date:

May 2, 2014



Proposal No: 877251029A

FLUID SPECIFICATIONS

Spacer

= 10.0 bbls water @ 8.34 ppg

PLUG NO.	VOLUME CU-FT		VOLUME FACTOR	AMOUNT AND TYPE OF CEMENT
1	57	1	1.13	= 50 sacks Class G Cement
Disp-Spacer				= 5.0 bbls fresh water @ 8.34 ppg
Displacement				= -5.0 bbls produced water @ 9.7 ppg
CEMENT PROPE	RTIES			
				PLUG
				NO.1
Slurry Weight ((ppg)			15.90
Slurry Yield (cf	/sack)			1.13
Amount of Mix	Water (gps)			4.88

PLUG GEOMETRY

	PLUG TOP		PLUG BOTTOM	
1	1 ft	to	50 ft	with 12.615 inch ID Casing PDSqT = 80 ° F

Report Printed on: May 2, 2014 1:03 PM

	STATE OF UTAH		FORM 9
ı	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	3	5.LEASE DESIGNATION AND SERIAL NUMBER: ML 48737
SUNDR	Y NOTICES AND REPORTS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	posals to drill new wells, significantly deep reenter plugged wells, or to drill horizontal n for such proposals.		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CISCO STATE 36-13
2. NAME OF OPERATOR: CCI PARADOX UPSTREAM, L	TC		9. API NUMBER: 43037500080000
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1900		ONE NUMBER: 3 728-2222 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1158 FNL 1543 FEL			COUNTY: SAN JUAN
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NWNE Section: 3	HP, RANGE, MERIDIAN: 36 Township: 31.0S Range: 24.0E Meridian:	s	STATE: UTAH
11. CHECI	K APPROPRIATE BOXES TO INDICATE N	ATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
This Sundry Notice if the proposed P&A of it will be necessary flow fluids out of the and removed from bradenhad to the pin storage until mo	CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR	327. During 6-13 well, 6' deep to lice it is cut from the lac tank for will be ork. App Uta Oil, 6 Date: By:	CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL APD EXTENSION OTHER: DEPTHS, VOLUMES, etc. DEPTHS, VOLUMES, etc. DEPTHS AND MINING BY 10, 2014 AND
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE	
Pamella Hill SIGNATURE	303 728-2228	Reservior Technician DATE	
N/A		6/5/2014	



The Utah Division of Oil, Gas, and Mining

- State of UtahDepartment of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43037500080000

The pit will require a liner. The minimum thickness of the liner will be 12 mils.

RECEIVED: Jul. 10, 2014



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

September 4, 2014

CERTIFIED MAIL NO.: 7011 2970 0001 8828 1580

Mr. John Warren CCI Paradox Upstream, LLC 600 17th Street, Suite 1900**5** Denver, CO 80202

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Warren:

As of April 2014, CCI Paradox Upstream, LLC (CCI) has four (4) State Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. All of these wells (attachment A) have previously been issued notices of non-compliance and have remained in non-compliance.

The Division understands the Cisco State 36-13 has been plugged (attachment A). However, it is not showing as such due to CCI having not filed a subsequent sundry. Two (2) of the Libson wells are over five (5) years shut-in and required to meet rule R649-3-36-1.3.3 as stated below.

March 26, 2013, CCI sent the Division a letter addressing the future operations for the four (4) wells. On the three (3) Libson wells (attachment A) it was stated that if testing proved unproductive, CCI would put these wells on a plugging list for 2014-2015 timeframe. The Division has not received any additional information from CCI concerning the status or plans for these wells nor followed through with plans to bring these wells into compliance.

CCI shall immediately submit plans and timeframes for each well stating which wells will be plugged, placed back on production, or requesting SI/TA extension with proof of wellbore integrity and good cause for such request. All wells need an individual sundry filed and are required to meet the SI/TA rules as listed below.



Page 2 CCI Paradox Upstream, LLC September 4, 2014

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

- 1. Reasons for SI/TA of the well (R649-3-36-1.1)
- 2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
- 3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).

- 1. Wellbore diagram, and
- 2. Copy of recent casing pressure test, and
- 3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
- 4. Fluid level in the wellbore, and
- 5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Dustin K. Doucet

Petroleum Engineer

DKD/JP/js

cc: Compliance File Well File

LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive	Prior Notice
1	LIBSON B-616	43-037-16242	ML-8366	18 years	2 ND NOTICE
2	LIBSON D-616	43-037-15049	ML-13692	5 years 8 months	2 ND NOTICE
3	LIBSON UNIT D-716	43-037-31034	ML-13692	4 years 4 months	2 ND NOTICE
4	CISCO STATE 36-13	43-037-50008	ML-48737	2 years 7 months	Plugged; Needs Subsequent Sundry

			FORM 9
	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCE	ES .	
	DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: ML 48737
SUNDF	RY NOTICES AND REPORTS C	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly d reenter plugged wells, or to drill horizon n for such proposals.		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL			8. WELL NAME and NUMBER: CISCO STATE 36-13
2. NAME OF OPERATOR: CCI PARADOX UPSTREAM, I	LLC		9. API NUMBER: 43037500080000
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1900		PHONE NUMBER: 303 728-2222 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1158 FNL 1543 FEL			COUNTY: SAN JUAN
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 36 Township: 31.0S Range: 24.0E Meridi	ian: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICATE	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE [ALTER CASING	CASING REPAIR
NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN [FRACTURE TREAT	☐ NEW CONSTRUCTION
7/28/2014	OPERATOR CHANGE	✓ PLUG AND ABANDON	PLUG BACK
	l — ,		
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
DRILLING REPORT	L TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
On 7/28/2014, CC work done, wellbore are all attached. commence in 30	COMPLETED OPERATIONS. Clearly show all Paradox Upstream P&A'd the diagram, cementing reports Reclamation of this well is concorded to Cotober, 2014. Please contact 03-728-2226 with any question of the contact of the	is well. A summary of and location pictures implete. Seeding will t John Warren @ ions.	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 01, 2014
NAME (PLEASE PRINT) Pamella Hill	PHONE NUMBE 303 728-2228	R TITLE Reservior Technician	
SIGNATURE N/A		DATE 9/26/2014	

Plug and Abandonment Summary

Cisco State 36-13 API # 43-037-50008 Section 36-T31N-R24E San Juan County, Utah July, 2014

All P&A work witnessed by State Inspector, Mark Jones.

Plug # 1 set from 6730-6591 ft w/25 sxs
Cut 7" production casing at 5198 ft and removed from wellbore
Plug # 2 set from 5251 to 5100 ft w/35 sxs
Spot additional 3 bbls 15.9 ppg cement on top of plug #2
Plug # 2A set from 3598 to 3504 ft w/45 sxs
Plug # 3 set from 1818- 1728 ft w/45 sxs
Cut 9 5/8" intermediate csg at 1228.02 ft & removed from wellbore
Plug # 4 set from 1278-1178 ft w/60 sxs
Plug # 5 set from 60 ft to surface
Topped off with 20 ppg cement with 2% Ca

All balance plugs were tagged.

Casing cut 4 ft below ground and 10' "monument" marker (w/welded top) containing required well data installed (4' below, 6' above ground). Cellar backfilled.

Please see WBD for full details.

Please contact John Warren @ 303-728-2226 (john.warren@cci.com) with any questions.

Р	DATE			-	DRAWN	J. War	ren
te Sch		İ	ctual P&A Wellbo	re Diagram	APP'D		
P&A	7/18/2014	1	SCALE	Not to	Scale		
1 471	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1	Cisco State 36 -API No. 43-037		DATE	7/11/2	
		-	SHL: 1,158 FNL 1,			d 9/26/14 b	
		-	Sec. 36 T31N F		Opuato	10/20/14 0	y 1 .1 III
		-	San Juan County				
		-	San Suan County	, otan		SHEETS	SHEE
					•		
SPUD DAT	E	All cem	ent plugs are 15.9 ppg	g Class G cement Installed "monument"	AE <u>RI</u>	AL WELL I	OCATI
une 7, 2011		IESTIMATED		Marked w/ required well data		• 5	SHL
LEVATIO	N	FORMATION TOPS		('10' total height, 6' above ground)		
Fround - 5,99		Top of Uintah	//	Tarrest of with 00 mm and and		Sec. 36	
RKB - ±6,013	'	0' - Projected		Topped off with 20 ppg cement with 2% Ca			
CONDUCTO	OR CASING			Plug #5			
0" 63# 1/4wt				Spot 50 sxs 15.9 ppg cmt from 60	<u> </u>		
0 00// 1/ 1/10	•			to surface			
URFACE (CASING		185 bbls				
3-3/8" 54.5#	J-55 ST&C		9.7 ppg	Conductor Casing			
ITERMED	IATE CASING	3	Fluid	60' - 20" Cemented to surface			
	CN-80 LT&C			Surface Casing			
		 		1,491' - 13-3/8" Cemented to surface	e with 818 sks	Type III	
RODUCTI ' 32# P-110	ON CASING						
32# F-110	LIGO		←	Cut 9 5/8" intermediate csg at 122	28.02' & rem	ove from w	ellbore
UBING				Plug #4 - Spot 60 sxs 15.9 ppg ce	ement from 1	1278 - 1178	3'
lone in wellb		<u> </u>		Tagged plug @ 1178'.			
se 2 3/8" w	orkstring		8				
			\leftarrow	— Plug #3 - Spot 45 sxs 15.9 ppg ce	ement from 1	1818 - 1728	3'
				Tagged plug @ 1728'.			
			4 - 14				
				Plug #2A - Spot 45 sxs 15.9 ppg	cement from	3598 - 350	04'
			←	Tagged plug @ 3504'.			
			263 bbls 9.7 ppg				
			Fluid	Intermediate Casing			
			3	5,397' - 9-5/8" Cemented from 5,397	" to ±1,300' wi	th 474 sks T	ype III
			8 8				
			S	Cut 7" production casing at 5198'	and remove	from wellh	ore
		Top of Ismay		Plug #2 - Spot 35 sxs 15.9 ppg ce			
		5,006'		Tagged plug @ 5100'.			
				Spot additional 3 bbls 15.9 ppg ce	ement on top	of plug #2	
				Toward company water and a con-	251		
		Top of Barker Creek		Tagged cement retainer @ 6731 Plug #1 - Spot 25 sxs 15.9 ppg ce		6730 - 65 0 1	l'
		5,908'		opot 20 sas 10.0 ppg to	oo.ii iioiii (•
		Top of Alkali Gulch		Portonata 10	2 00501		
		7,224' CIBP @ 7550'		Perforated Squeeze holes 4 spf © Cement Retainer set above squ			
		J.B. @ 1000		Circ 189 sacks of 15.8 ppg Class		x yield	
		=		Cement 6851-5297'		-	
]		Date: 9/23/11			
]		Perforation Data 7,588' - 7,590' - 4 spf	_		
		=		7,600' - 7,603' - 4 spf			
				7,606' - 7,613' - 4 spf			
		≡		7,621' - 7,626' - 4 spf 7,632' - 7,636' - 4 spf			
		Top of Cane Creek		Production Casing			
		7,846'		7,943' - 7" Cemented from 7,943' to	6,944' with 12	0 sks Class "	'G"
			Total Vertical Depth - 7,9	943'			
			Total Measured Depth -				
			•				
ase note:							
	tures in black						
ting well fea well feature							

CEMENT JOB REPORT



CUSTOMER	ONOTE		N COMMODIT	IES II		DATE	25-JI	JL-14	F.R. #	1001108	85540		SERV. SUF	V.	Warren	N Passey		
LEASE & WE						LOCA	TION					COUNTY-PARISH-BLOCK						
DISTRICT	A1E #36	-13 -	API 43037500	08000)		31S-24						San Jua		ah			
Farmingto	n					DRILL	ING CC	NTRACTO	OR RIG	#			TYPE OF Je Plug & A		don			
SIZE	& TYPE	F PL	.UGS		LIST	-CSG-H	ARDWA	RE	M	ECHANICA	AL BARRI	ERS M	D TVD		ANGER	TYPES I	MD TVD	
				NA-F									1	† ·	ANGLI	TIPES I	100	
				147 ()	<u> </u>		_		25500		-	LIVOIDAL	N LIDDY D					
MATERIA	LS FURN	SHF	O RV R.I				LARR	EPORT NO		OF	SLURRY WGT	SLURR YLD	Y WATE	₽R	PUMP TIME	Вы	Bbl MIX	
water							LADIK	EPORT NO	. CE	MENT	PPG	FT			HR:MIN	SLURRY	WATER	
Class G Ne	at						1				8.34					C)	
fresh water	<u>а</u> .									25	15.9	1.1	3 4	1.88		5	2.8	
produced wa	eter	-					-		_		8.34					C)	
water	atei								-		9.7					19		
Class G cer	nent								1_		8.34					C		
water	iiciil			_						35	15.9	1.1	3 4	1.88		7	4.0	
water									_		8.34					19		
Class G											8.34					0		
water										45	15.9	1.1	3 4	.88	Constant of the Constant of th	12	6.9	
			Access to								8.34					13		
Available Mi	Water_		130		Bb	I. Av	ailable 🛭	ispl. Fluid		400	Bt	ol.	T	ОТА	L I	75	13.8	
CIZE	HOLE							TBG-CSG	-D.P.						COLLAR	DEPTHS		
SIZE	% EXC	SS	DEPTH	8.8		OD	WGT.	TY	PE	MD	TVD	GRADE	SHO	E	FL	OAT	STAGE	
				6.3		9.625		CSG		5200		J-55						
				1.9	-	2.375		CSG		6731		J-55						
	AST CAS	ING	Signalisanggaras	1.8				TBG		6731		J-55					75	
	Control of the Contro	TYPE	MD	TV	_		& TYPE	BR PL-LIN	IER DEPTH	The second second	DEPTH		OP CONN			ELL FLUID	State Control of the Control	
						Dione	G. IIII		DEFIN	TOP	ВТМ		THREAD EUE		TYPE		WGT. 9.4	
DISPL. VOL	.UME		DISP	L. FLU	IID	С	AL. PSI	CAL. M	AX PSI	OP. MAX	MA	X TBG PSI			X CSG PS	,	MIX	
VOLUME	UOM		TYPE		WG	r. BU	MP PLU	G TO F	EV.	SQ. PSI	RATE			ATEL		erator	WATER	
70	BBLS	proc	uced water			9.7	()	450	1000	2 81		7700 4				ATED	
		wate	r		8	.34				7000		,			60		WATER TRUCK/	
																FR	AC TANK	
XPLANATION	: TROUB	LE S	ETTING TOO	., RUI	INING	CSG, E	TC. PRIC	R TO CEN	IENTIN	G:								
			PRESSURE/R	AIEL	DETAIL								EXPLANA	TION	1			
			E-PSI	RAT		Bbl. FL PUMP		FLUID			TING: BJ	CREW X	CO. REP	. X				
TIME HR:MIN.		-	ANNULUS	ы	141	POWE	ED	TYPE		T LINES		2000 PSI						
HR:MIN.	PIPE							I A	1	d on loca		RIG X	BJ		(
19.000000000000000000000000000000000000	PIPE	0	0		0					d on loca	uon							
HR:MIN.	PIPE	0	0		0		0 0		-		PRE RIG UP MEETING							
06:30	PIPE				0		0 N	IA	PRE	RIG UP I		3						
06:30 08:45	PIPE	0	0		0		0 N	IA IA	PRE PRE	RIG UP I	ETING				-			
06:30 08:45 13:30		0	0		0		0 N 0 N	IA IA I20	PRE PRE PSI 1	RIG UP I JOB MEE EST LIN	ETING ES TO 2	000 PSI						
06:30 08:45 13:30 13:46	ţ	0 0 0	0 0		0 0		0 N 0 N 0 H 5 C	IA IA	PRE PRE PSI 1	RIG UP I JOB MEE EST LIN BBL PLU	ETING ES TO 2 IG @ 15.	000 PSI 9 PPG						
06:30 08:45 13:30 13:46 14:00 14:05 14:20	ţ	0 0 0 55	0 0 0		0 0 0 2		0 N 0 N 0 H 5 C	IA IA I20 MT	PRE PRE PSI 1 ST 5	RIG UP N JOB MEE EST LIN BBL PLU BBL DIS	ETING ES TO 2 IG @ 15. SPLACE!	000 PSI 9 PPG MENT						
06:30 08:45 13:30 13:46 14:00 14:05 14:20 15:00	ţ	0 0 0 55 00 0	0 0 0 0		0 0 0 2 2		0 N 0 N 0 H 5 C 19 H 0 N	IA IA I20 MT	PRE PRE PSI 1 ST 5 ST 19 RIG I	RIG UP N JOB MEE EST LIN BBL PLU BBBL DIS PULLS JO	ETING ES TO 2 IG @ 15. SPLACE! DINTS TO	000 PSI 9 PPG MENT 0 5240	G					
06:30 08:45 13:30 13:46 14:00 14:05 14:20 15:00 15:34	30	0 0 0 55 00 0	0 0 0 0 0		0 0 0 2 2 0		0 N 0 N 0 H 5 C 19 H 0 N 7 C	IA IA I20 IMT I20	PRE PRE PSI 1 ST 5 ST 19 RIG I	RIG UP N JOB MEE EST LIN BBL PLU BBBL DIS PULLS JO	ETING ES TO 2 IG @ 15. SPLACE! DINTS TO FPLUG (000 PSI 9 PPG MENT 0 5240 0 15.9 PP	G					
06:30 08:45 13:30 13:46 14:00 14:05 14:20 15:00 15:34 15:40	30	0 0 0 55 00 0 0 0 0 0	0 0 0 0 0 0		0 0 0 2 2 2 0 1.5		0 N 0 N 0 H 5 C 19 H 0 N 7 C	IA IA I20 IMT I20 IA	PRE PRE PSI 1 ST 5 ST 19 RIG I ST 7	RIG UP M JOB MEE TEST LIN BBL PLU BBL DIS PULLS JO BBL CMT	ETING ES TO 2 IG @ 15. SPLACEN DINTS TO FPLUG (SPLACEN	000 PSI 9 PPG MENT 0 5240 @15.9 PP						
06:30 08:45 13:30 13:46 14:00 14:05 14:20 15:00 15:34	30	0 0 0 55 00 0 0 0 0 0 0	0 0 0 0 0 0 0		0 0 0 2 2 0 1.5		0 N 0 N 0 H 5 C 19 H 0 N 7 C	IA IA I20 IMT I20 IA IMT I20 I20	PRE PRE PSI 1 ST 5 ST 19 RIG I ST 7 ST 19 WAS	RIG UP M JOB MEE TEST LIN BBL PLU BBL DIS PULLS JO BBL CMT	ETING ES TO 2 IG @ 15. SPLACE DINTS TO T PLUG @ SPLACE MP. WAI	000 PSI 9 PPG MENT 0 5240 0 15.9 PP						

CEMENT JOB REPORT



		PRESSURE	RATE DETAIL		EXPLANATION							
TIME	PRESSU	RE - PSI	RATE	Bbl. FLUID	FLUID TYPE	SAFETY ME	ETING: BJ CREW X	CO. REF	p. X			
HR:MIN.	PIPE	ANNULUS	BPM	PUMPED		TEST LINES						
						CIRCULATIN	IG WELL - RIG	ВЈ	X			
18:13	800	0	3	19	H20	DISPLACE 19 BBL H20						
19:00	50	0	2	9	CMT	ST 9 BBL CMT PLUG @3600'						
19:06	50	0	3	13	H20	ST DISPLACEMENT 13 BBL H20						
19:10	0	0	0	0	NA	SHUT DOWN END OF DAY 1						
BUMPED PLUG Y N	PSI TO BUMP PLUG 0	TEST FLOAT EQUIP. Y N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 94	PSI LEFT ON CSG	SPOT TOP OUT CEMENT Y N	SERVICE SUPERV	ISOR SIGN	ATURE:			

Report Printed on:

JUL-26-14 07:30:54

Page 2



VisnaG MM 5 120 SD 100 PLUG 4 ST DISP PLUG3 C163 P&A DAY 1 Elapsed Time (min) ST DISP Baker Hughes JobMaster Program Version 3.60 50 PLUG 2 CCI CISCO STATE #36-13 #36-13 ST DISP PSI TESTUG 1 Well Name: Customer: 12 5 **MM 3TA9** 5500 4000 PRESS1

Baker Hughes

Job Start: Friday, July 25, 2014

CEMENT JOB REPORT



USTOMER C	ASTLETON C	OMMODITIE	S II	DA	TE 26-JUL	-14	F.R.	# 100	011085	5620	S	ERV. SU	PV.	Warren N	l Passey	/			
EASE & WELL		LOCATION COUNT									DUNTY-PARISH-BLOCK								
	E #36-13 - AP	36-31S-24E								San Juan Utah									
ISTRICT				DR	ILLING CON	ITRACT	TOR R	IG#			Т	YPE OF . Plug &		on					
Farmington				1		_		MECH	ANICA	L BARRIEI	RS M			ANGER T	YPES	MD	TVD		
SIZE & 1	TYPE OF PLU	GS	LIS	T-CSG	-HARDWAR	E		MECH	ANICA	L DANNE		T							
		1	NA-P&A											COTICE	Mark State (1997)	Samuel S			
							+			PH	YSICAL S	SLURRY	PROP	ERIIES		T			
MATERIALS	FURNISHED	BY BJ			LAB RE	PORT	NO.	SACK OF CEMEN		SLURRY WGT PPG	SLURR YLD FT	Y WAT		PUMP TIME HR:MIN	B SLUR	RY	BbI MIX WATER		
water	-/-									8.34						0			
Class G Neat									25	15.9	1.	13	4.88			0	(
fresh water										8.34						0			
	~~									9.7						6			
oroduced water	er									8.34						0			
water	ont								35	15.9	1.	13	4.88	3		0			
Class G ceme	enl									8.34						0			
water										8.34						0			
water							-		45	15.9	1.	13	4.88	3		9	5.1		
Class G										8.34						20			
water							-1		100		bl.		TOT	ΔΙ	1	35	5.1		
Available Mix	Water	60		Bbl.	Available l	•			100				101	COLLA	R DEPT	HS			
	HOLE					TBG-	CSG-I					S	HOE	A STATE OF THE PARTY OF THE PARTY.	LOAT		STAGE		
SIZE	% EXCESS	DEPTH	8.835	9.6		o csc	TYP		181		J-55								
			0.055		(R-CMT RET			P	PEF	RF. DEPTH		TOP CON	IN		WELL F	LUID			
	AST CASING	MD	TVD	1123	RAND & TYP			EPTH	TOP	BTN	A SIZ	E THR		TYPE			WGT.		
ID OD W	/GT TYPE	IVIL	1100		0.112						2.3	75 EUE		OTHER			9.		
DISPL. VOL	LIME	DIS	PL. FLUID	7000	CAL. PS	I CA	L. MA	X PSI	OP. M	AX M	AX TBG	PSI	1	MAX CSG	PSI		MIX		
VOLUME	UOM	TYPE		WGT.	BUMP PL	UG	TO RE	EV.	SQ. PS	SI RAT	ED Op	erator	RAT	ED (Operato	r			
6		duced water 9		9	7	0		0	10	000	3100	6480		4460	3568 F		RAC TAN		
0	wat			8.3															
	Wat																		
EXPLANATION	N: TROUBLE	SETTING TO	OL, RUNN	ING C	SG, ETC. PR	RIOR TO	O CEN	IENTING	3:										
EXI ENGINE			• • • • • • • • • • • • • • • • • • • •									EVDI	ANAT	ION					
		PRESSURE	RATE DE	TAIL															
TIME	PRESSU	RE - PSI	RATE		Bbl. FLUID		UID			EETING: I			. REP	. [X]					
HR:MIN.	PIPE	ANNULUS	BPN		PUMPED	TY	PE		LINE		2000 PS	X	BJ	X					
			1			1			CIRCULATING WELL - RI PRE JOB SAFETY MEE				D0						
08:30	0	0	-	0		NA				LINES TO									
08:44	0	0	-	0	0	-				2 15.9 CM	No. of the last of								
08:53	0	0		0	0							OLE UN	SUCC	CESFUL					
09:00	1000	0	-	0	.2			ALIE	-IVIF I	VES TO P	IT RIG I	HOLE UNSUCCESFUL 3 PULLS PLUGGED TUBING							
09:00	0	0		0	0					LE WITH									
11:28	60	0		2	20														
11:37	0	0	-	0 0		INA		שתו	BATCH CMT TO 15.9 PPG										
				2		CMT	-	STO		PI UG @1	5.9PPG	ST 9 BBL PLUG @15.9PPG ST 7 BBL DISPLACEMENT							
11:40	140	0			9	-			BBL										
11:47	54	C		2.7	9	H20		ST 7	BBL BBL	DISPLAC	EMENT	3 PLUG							
11:47 11:50	54	0		2.7	9 7 0	H20 NA		ST 7	BBL BBL	DISPLAC WN WAI	EMENT	3 PLUG UMP TB	ig VC	LUME T	O CLE	AR.			
11:47 11:50 14:15	54 0 200	0		2.7	9 7 0 8	NA NA		ST 7 SHU RIG	BBL I BBL T DO DID N	DISPLAC WN WAIT IOT TAG	EMENT TO TAC PLUG. P	UMP TB	G VC	LUME T	O CLE	AR.			
11:47 11:50	54	0		2.7	9 7 0	NA NA NA		ST 7 SHU RIG WAI	BBL BBL T DO DID N	DISPLAC WN WAI	EMENT TO TAC PLUG. P . 1.5 HOL	UMP TB	G VC	LUME T	O CLE	AR.			

0 NA

CO. MAN LEFT TO CALL BLM TO CONFIRM PLUG WAS SUFFICIENT

0

0

15:40

0

CEMENT JOB REPORT



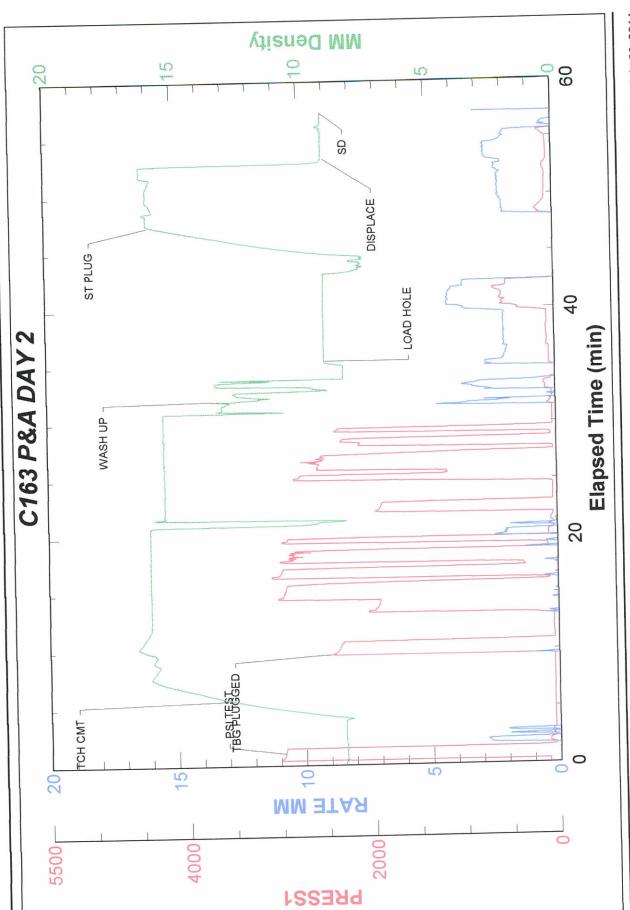
		PRESSURE/	RATE DETAIL				EXPLANATION			
TIME	PRESSURE - PSI		RATE	Bbl. FLUID	FLUID	SAFETY MEI	ETING: BJ CREW X CO. REP. X			
HR:MIN.	PIPE	ANNULUS	BPM	PUMPED	TYPE	TEST LINES 2000 PSI				
							G WELL - RIG X BJ X			
16:44	0	0	0	0	NA	PLUG IS GC	OOD RIG DOWN TO MOVE TRUCKS OFF LOCATION			
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED		PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:			

Jr8004



Baker Hughes JobMaster Program Version 3.60

Customer: CCI Well Name: CISCO STATE #36-13 #36-13



Job Start: Saturday, July 26, 2014

Baker Hughes

CEMENT JOB REPORT



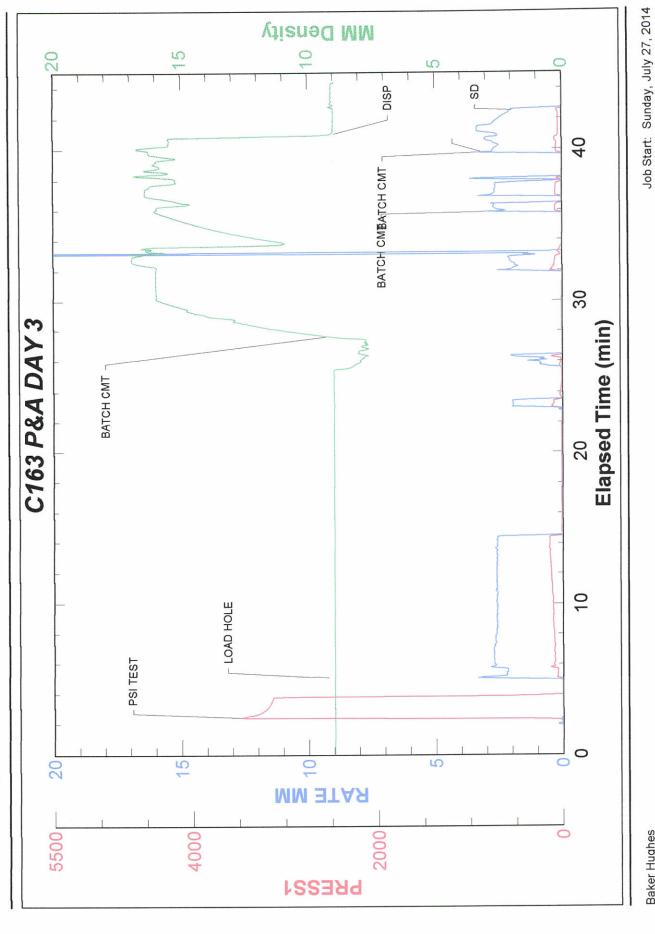
CUSTOMER	ONOTEL	ETON COMMODIT	TIES II	DAT	ΓΕ 27-JU	JL-14	F.R. #	100110	085621		SERV. SUI	JPV.	Warren	N Passey										
LEASE & W				LOC	LOCATION																			
	TATE #36-	13 - API 43037500	0000800	200	COUNTY-PARISH-BLOCK 36-31S-24E San Juan Utah																			
DISTRICT Farmingt				DRIL	DRILLING CONTRACTOR RIG # TYPE OF JOB MWS 28 Plug & Abandon																			
SIZE	E & TYPE O	F PLUGS	LI	ST-CSG-I	HARDWAR	RE	M	ECHANIC	AL BARRIE	ERS N	MD TVD L													
			NA-P&A												Miss	TVD								
									Р	HYSICAL S	SLURRY F	PROPE	RTIES											
	ALS FURNIS	SHED BY BJ			LAB R	EPORT NO		ACKS S	SLURRY WGT PPG	SLURRY YLD FT		TER S	PUMP TIME HR:MIN	Bbi SLURR		Bbi MIX WATER								
water									8.34			<u> </u>			25									
Class G No								60	15.9		13	4.88			12									
fresh water	ī							-	8.34	***	3	4.00			_	6.9								
produced w	vater								9.7		_				0									
Available M	lix Water_	60		Bbl. A	vailable [Displ. Fluid	d	100	9.7 Bb			TOTAL	1		5									
	HOLE					TBG-CSG						TOTAL			42	6.90								
SIZE	% EXCES	SS DEPTH	ID	OD	WGT.	TY	(PE	MD	TVD	GRADE	SHO	The December of the Local Division in the Lo		DEPTHS OAT		AGE								
	0			13.375		CSG		1250						O/L		AGL								
			8.681	9.625		7 CSG		1278	1278	J-55						-								
The second second second second	WGT T					BR PL-LIN	NER	PERI	F. DEPTH	TC	OP CONN		w	/ELL FLU	IID									
ID OD	WGI	TYPE MD	TVD	BRANI	D & TYPE		DEPTH	TOP	ВТМ		-		YPE			WGT.								
DISPL. VO	OLUME)	DIS	PL. FLUID		THE DOL	1221 8					5 EUE	01	THER			9.4								
VOLUME	UOM	TYPE			CAL. PSI UMP PLUC		MAX PSI			X TBG PSI	Access to the second		CSG PS			MIX								
5		produced water		9.7				SQ. PSI				RATED		erator		ATER								
		Journal Hatel		9.7	0		0	500	וא 0	100 7	7700	2730	0	2184	FRAC	TANK								
EYDI ANATIC	W. TROUB	- CONTINUE TO					1																	
EAPLANATIO	N: IKOODL	LE SETTING TOO	L, RUNNIN	G CSG, F	TC. PRIO	R TO CE	MENTING	G:																
		PRESSURE/F	RATE DET/	AIL							EXPLANA	ATION	elis ng syyes		Mary Comme									
TIME	PRES	SURE - PSI	RATE	Bbl. F	LUID	FLUID	SAFETY MEETING: BJ CREW X CO. REP. X																	
HR:MIN.	PIPE	ANNULUS	ВРМ	PUMI		TYPE	100000	T LINES		1500 PSI	CO. N.L.	P^_	l.											
17:00									3 WELL - I		ВЈ	Х												
17:00		0 0		0	0 N		PRE RIG UP SAFETY MEETIN																	
17:10 17:40		0 0	10	0		1A	PRE JOB SAFETY MEETING																	
17.40		0 0	2.5		25 H		LOAD HOLE WITH 9.4 PPG PRODUCED WATER																	
				0	0 0			BATCH CMT TO 15.9 PPG & CALCIFY																
17:50		0 0						ST 12 BBL CMT PLUG 1278'-1174'																
	110	0 0	2	2	12 CI						/4		ST 5 BBL DISPLACEMENT SHUT DOWN HOLD POST JOB SAFETY MEETING											
17:50 17:52	110	0 0	2.5	5	12 CI 5 H	120	ST 5	BBL DIS	PLACEME	ENT														
17:50 17:52 18:01 18:03	110 34 (PSI TO	0 0 0 0 0 0 0 TEST	2.5 0 BBL.CMT	2 5 5 0 TO	12 CI	120	ST 5 I	BBL DIS	PLACEMENT HOLD PO	ENT OST JOB	SAFETY													
17:50 17:52 18:01 18:03 BUMPED PLUG	34	0 0 0 0 0 0 0 TEST FLOAT EQUIP.	2.5 0	2 5 0 TO BE	12 CI 5 H: 0 N	120 IA	ST 5 I	BBL DIS	PLACEMENT HOLD PO	ENT	SAFETY													



Baker Hughes JobMaster Program Version 3.60

Customer:

CISCO STATE #36-13 #36-13 Well Name:



Baker Hughes

CEMENT JOB REPORT

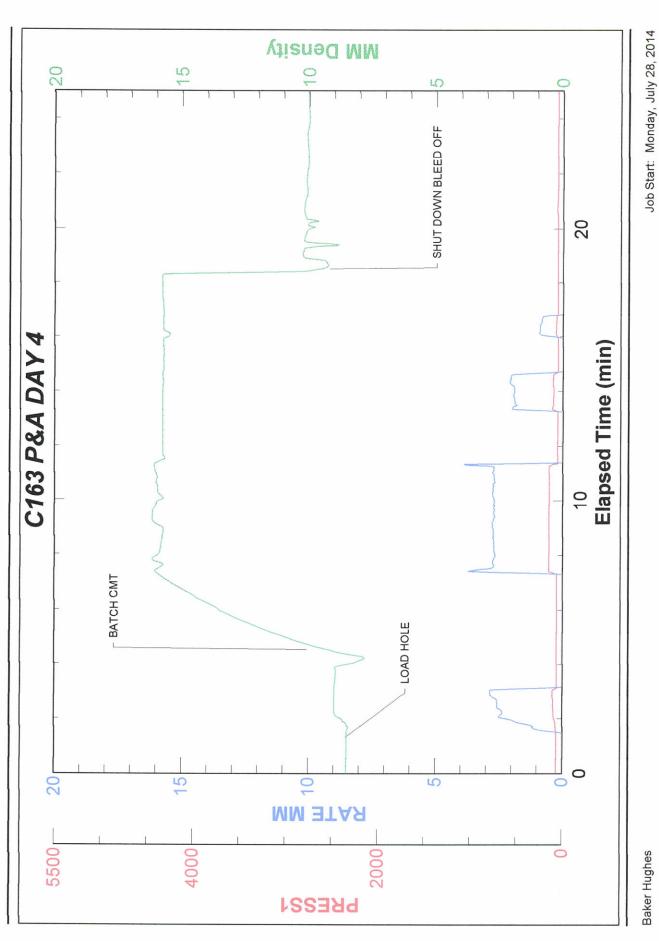


CU	STOMER	CASTLE	TON COMMOD	ITIES II	DATE	28-JUL-	14 F.	R. # 9	4781000	07		SE	RV. SUF	PV.	Warren	N Doose			
LE	ASE & WE	ELL NAME			LOCATIO	ON						-			H-BLOC		у		
DIS	STRICT		3 - API 4303750	00080000		S-24E	TRACTOR	DIO #				-	San Jua	n Uta					
	Farmingto				MWS		IHACTOR	HIG#					PE OF J Plug & A		on				
	SIZE	& TYPE OF	PLUGS	LIST	T-CSG-HARI	DWARE		MECH	ANICAI	L BARRI	ERS	MD	TVD		ANGER	TYPES	ME	D TVD	
\vdash				NA-P&A															
										P	HYSICA	L SLI	JRRY P	ROPE	RTIES				
_		LS FURNIS	HED BY BJ		LA	AB REP	ORT NO.	SACK OF CEMEN		LURRY WGT PPG	SLUF YLD FT)	WATE GPS		PUMP TIME HR:MIN	BI SLUR		BbI MIX WATER	
	ASS G								50	15.9	1	1.13	4	.88			10	5.77	
		D WATER	1							9.5							3	3.77	
Av	ailable Mi		50	BI	bl. Availa	ble Dis	pl. Fluid		50	в	ol.		Т	OTAL			13	5.77	
	SIZE	HOLE % EXCES	SC DEDTU				BG-CSG-I	Secretary III						E VIII III VIII	COLLAR	DEPTH			
	-	0	SS DEPTH	12.62	13.38	GT. 54.5 C	TYPE CSG		MD 62	TVD	GRADE J-55		SHO	E	FL	OAT	5	STAGE	
		AST CASI	NG		PKR-CMT		0.107.50	D I		DEPTH	Desir Maria	TOP					a constitution	IIII O COLORONO	
ID	OD V	WGT T	YPE M	D TVD	BRAND &	214400171117170	The second second	NOTE OF STREET	TOP	BTM	PETERS SEASON		CONN THREAD	,	W TYPE	/ELL FL	UID	WGT.	
	NCDI VIO		.									375 E			THER			9.4	
OR SHE	OISPL. VO	UOM		SPL. FLUID	CAL.		CAL. MAX	X PSI OF	P. MAX	MA	X TBG F	PSI		MAX	CSG P	SI		MIX	
	0		TYPI	WG	T. BUMP	PLUG	TO RE	V. S	Q. PSI	RATE	D Op	erato	r R	ATED	Ор	erator	١ ٧	WATER	
		DDES				0		0	500	8.	100	770	00	273	30	2184	FRA		
EVD	LANATIO																		
EAP	LANATIO	N: IHOUBL	E SETTING TO	OL, RUNNING	CSG, ETC.	PRIOR	TO CEME	ENTING:											
			PRESSURE	/RATE DETAI	L							E	(PLANA	TION	City and Sale				
	IME R:MIN.		SURE - PSI	RATE	Bbl. FLUIC) F	LUID	SAFETY	/ MEET	ING: BJ	CREW		CO. REF						
	i.iviii4.	PIPE	ANNULUS	ВРМ	PUMPED	1	TYPE	TEST LI	NES	1	000 PS				J				
09	9:00	(0 0	0		0 NA		CIRCUL					BJ	X					
09	9:30	95		2.5		3 H20		PRE JO LOAD H	(10000000000000000000000000000000000000	ETY ME	ETING								
	9:32	(-	0		0 CM		BATCH CMT TO 15.9PPG											
	9:34	55		2	1	0 CM		ST 10 BBL CMT @15.9PPG											
_	9:40		-	0		0 NA		SHUT D	OWN I	BLEED									
	7:25	C	-	0		0 NA		WAIT FO											
	7:50	0		0		0 CM		CMT MA					H 20 PI	PG C	MT				
	JMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPEL	LE	PSI FT ON	SPOT TOP OU	IT :	SERVICE			R SIGN	ATUF	RE:				
Υ	N (0	YN	0	13	0		Y		1									
1970			100000				CSG	CEMEN Y I		1,0									



Baker Hughes JobMaster Program Version 3.60

Well Name: CISCO STATE #36-13 #36-13 Customer:











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